

INDEX KEWENSIS


SUPPLEMENT XIX



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INDEX KEWENSIS



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INDEX KEWENSIS

SUPPLEMENT NINETEEN

NAMES OF SEED-BEARING PLANTS AT THE RANK OF FAMILY
AND BELOW

PUBLISHED BETWEEN

JANUARY 1986 AND THE END OF 1990

WITH SOME OMISSIONS FROM EARLIER YEARS

COMPILED BY

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EDITED BY

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KEW

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FOREWORD

Supplement XIX of *Index Kewensis* follows a similar format to Supplement XVIII. Entries for 1986–9 have already been published in the annual *Kew Index* for those years. Some of the records have been corrected within this time, and in such cases the original incorrect record does not appear in this supplement. The printed annual *Kew Index* has been discontinued, but there are plans for a CD-ROM version of the complete *Index Kewensis* including all the published supplements as well as the original two-volume work. This electronic version is due to appear in 1992.

We have scanned books and journals received in the *Index Kewensis* office by 31 December 1990 or seen at the Natural History Museum (BM) during the five years.

Names at all taxonomic ranks from family downwards are included. Names at ranks above genus are arranged alphabetically under families in a separate sequence at the beginning. Names at the rank of genus downwards are arranged alphabetically under genus headings. These are followed by a section containing a list of new genera in alphabetic order under family.

At each rank there are three categories of names: new taxon, new name (nom. nov.), and new combination.

An entry can be divided up as follows: Name, Author, Bibliographic details, and either geography if a new taxon of specific or infraspecific rank, or replaced synonym if a new name, or basionym if a new combination.

Name

The spelling of names is changed, if they are incorrect, in accordance with the appropriate Article of the International Code of Botanical Nomenclature (ICBN). Each genus is assigned to a family according to the list of families agreed by Kew, the Natural History Museum (BM), and the Royal Botanic Garden Edinburgh (E).

Authorship

The author of the basionym appears in brackets before the publishing author in entries of new combinations and is quoted in the form given by the publishing author, without any attempt to standardize abbreviations. The name of the publishing author is always given in full, again irrespective of any list of standard abbreviations.

Use of 'ex'

A recurring problem in citation of authorship is whether to use 'in' or 'ex' when a name is attributed to one person in a publication of which someone else is the author. We look forward to the recommendations of the special committee set up at the 14th International Congress in Berlin (1987).

Bibliographic details

The same journal abbreviations are used as are found in the *Kew Record of Taxonomic Literature relating to Vascular Plants*. New journal title abbreviations are published regularly in *Kew Record*.

Nomenclatural status

A note is sometimes added after the bibliographic details, indicating the following:

- (1) the original spelling of the epithet if it has been changed;
- (2) the original status of a name, if incorrectly stated by the author, such as when an author writes 'sp. nov.' where 'nom. nov.' or 'comb. nov.' is appropriate;
- (3) the term 'nom. nov.', used to indicate an avowed substitute for a previously validly published name according to Arts. 7.11 and 33.2 of ICBN;
- (4) details which might affect nomenclatural validity, as defined by the ICBN;
- (5) the term 'isonym', used to indicate a new combination which has already been made by another author; we do not go out of our way to find this information but it is included if known.

Geography

Countries are listed for specimens cited in the article, not where they might occur. If the distribution range is wide, the country of the type collection is given first. Geography is not stated for ranks above species level.

Basionym/replaced synonym

Sometimes the basionyms are names published some years ago when symbols were used instead of the name of the rank, e.g. **** or letters from the Greek alphabet. Where possible, we reproduce these as they appear in the original publication.

Corrected entries

A dagger (†) at the end of an entry indicates the corrected re-entry of a name cited in an earlier volume.

Transliteration

Cyrillic characters have been transliterated in accordance with *British Standard 2979(1958): Transliteration of Cyrillic and Greek Characters*.

We are grateful to Dr. R. K. Brummitt for nomenclatural advice and the Kew Computer Department for processing the data.

*Royal Botanic Gardens
Kew
January 1991*

G. T. PRANCE
Director

INDEX KEWENSIS

SUPPLEMENT NINETEEN NAMES OF ALL RANKS ABOVE GENUS UP TO AND INCLUDING FAMILY

AIZOACEAE-GESNERIACEAE

AIZOACEAE

- subfam. **Aptenioideae** Schwantes ex V. Bittrich & H.E.K. Hartmann in Bot. J. Linn. Soc., 97(3): 250 (1988).
subfam. **Ruschioideae** Schwantes ex V. Bittrich & H.E.K. Hartmann in Bot. J. Linn. Soc., 97(3): 251 (1988).

ANACARDIACEAE

- subfam. **Dobineoideae** (Engler) A. Takhtadzhan, Sistema Magnoliofitov (Systema Magnoliophytorum): 180 (1987): tribus Dobineae.
subfam. **Julianoideae** (Hemsley) A. Takhtadzhan, Sistema Magnoliofitov (Systema Magnoliophytorum): 180 (1987): fam. Julianiaceae.
subfam. **Pistacioideae** (Caruel) A. Takhtadzhan, Sistema Magnoliofitov (Systema Magnoliophytorum): 180 (1987): fam. Pistaciaceae.
subfam. **Spondioideae** (Kunth) A. Takhtadzhan, Sistema Magnoliofitov (Systema Magnoliophytorum): 180 (1987): fam. Spondiaceae.

APOCYNACEAE

- tribus **Anodendreae** Trần Đình Lý in Feddes Repert., 97(5-6): 272 (1986), without latin descr.
subfam. **Carissoideae** Trần Đình Lý in Feddes Repert., 97(5-6): 266 (1986), without latin descr.

APODANTHACEAE

- fam. **Apodanthaceae** (R. Br.) Van Tieghem ex A. Takhtadzhan, Sistema Magnoliofitov (Systema Magnoliophytorum): 42 (1987): tribus Apodanthaceae.

ARGOPHYLLACEAE

- fam. **Argophyllaceae** (Engler) A. Takhtadzhan, Sistema Magnoliofitov (Systema Magnoliophytorum): 208 (1987): Saxifragaceae tribus Argophyllaceae.

BORAGINACEAE

- subtribus **Eritrichiinae** D.N. Dobrochaeva in Novosti Sist. Vyssh. Nizsh. Rast. (Kiev), 1976: 124 (1976 publ. 1977).

BROMELIACEAE

- tribus **Brocchiniaceae** G.S. Varadarajan & A.J. Gilmartin in Syst. Bot., 13(2): 295 (1988).

BRUNIACEAE

- subfam. **Berzelioidae** (Nakai) A. Takhtadzhan, Sistema Magnoliofitov (Systema Magnoliophytorum): 145 (1987): fam. Berzeliaceae.

CACTACEAE

- linea **Cerei** (Salm-Dyck) R. Mottram, Contrib. New Class. Cact. Fam.: 4 (1990): tribus Cereastreae.
linea **Echinocacti** (Britton & Rose) R. Mottram, Contrib. New Class. Cact. Fam.: 4 (1990): subtribus Echinocactinae.
linea **Parodiae** R. Mottram, Contrib. New Class. Cact. Fam.: 6 (1990).
subtribus **Pfeifferinae** S.A. Volgin in Feddes Repert., 97(9-10): 563 (1986).

CACTACEAE :-

- linea **Rebutiae** (Donald) R. Mottram, Contrib. New Class. Cact. Fam.: 7 (1990): subtribus Rebutiinae.
subtribus **Schlumbergerinae** S.A. Volgin in Feddes Repert., 97(9-10): 563 (1986).

CALLIGONACEAE

- fam. **Calligonaceae** P. Khalkuziev in Dokl. Akad. Nauk Uzb. SSR, 1985(11): 45 (1985).

CAMPANULACEAE

- tribus **Annaea** A.A. Kolakovskii in Bot. Zhurn., 72(12): 1575 (1987).
tribus **Azorineae** A.A. Kolakovskii in Bot. Zhurn., 72(12): 1575 (1987).
subfam. **Canarinoideae** A.A. Kolakovskii in Bot. Zhurn., 72(12): 1574 (1987).
tribus **Echinocodoneae** A.A. Kolakovskii in Bot. Zhurn., 72(12): 1575 (1987).
tribus **Gadellieae** A.A. Kolakovskii in Bot. Zhurn., 72(12): 1576 (1987).
tribus **Muehlbergelleae** A.A. Kolakovskii in Bot. Zhurn., 72(12): 1575 (1987).
tribus **Musschieae** A.A. Kolakovskii in Bot. Zhurn., 72(12): 1575 (1987).
tribus **Mzymteleae** A.A. Kolakovskii in Bot. Zhurn., 72(12): 1578 (1987).
tribus **Neocodoneae** A.A. Kolakovskii in Bot. Zhurn., 72(12): 1577 (1987).
subfam. **Prismatocarpoideae** A.A. Kolakovskii in Bot. Zhurn., 72(12): 1574 (1987).
tribus **Sachokieleae** A.A. Kolakovskii in Bot. Zhurn., 72(12): 1578 (1987).
tribus **Sergieae** A.A. Kolakovskii in Bot. Zhurn., 72(12): 1577 (1987).
tribus **Theodorovieae** A.A. Kolakovskii in Bot. Zhurn., 72(12): 1575 (1987).
subfam. **Wahlenbergioideae** (Endl.) A.A. Kolakovskii in Bot. Zhurn., 72(12): 1574 (1987): tribus Wahlenbergieae.

CHENOPODIACEAE

- subtribus **Physandreae** (Bunge) U. Prатов, Rod Climacoptera Botsch.: 61 (1986), without basionym ref.: subdiv. Physandreae.

CHRYSOBALANACEAE

- tribus **Couepieae** G.T. Prance & F. White in Phil. Trans. Roy. Soc. London, B, 320(1197): 78 (1988).
tribus **Hirtelleae** G.T. Prance & F. White in Phil. Trans. Roy. Soc. London, B, 320(1197): 79 (1988): Rosaceae subtribus Hirtellinae.
tribus **Parinariaceae** G.T. Prance & F. White in Phil. Trans. Roy. Soc. London, B, 320(1197): 78 (1988).

COMMELINACEAE

- subfam. **Cartonematoideae** (Pichon) R. Faden ex G.C. Tucker in J. Arnold Arbor., 70(1): 99 (1989): Cartonemataceae.

COMPOSITAE

- tribus **Plucheae** A.A. Anderberg in Canad. J. Bot., 67(8): 2293 (1989), as '(Benth.)'.

CONNARACEAE

- tribus **Jollydoreae** (Gilg) R.H.M.J. Lemmens in Agric. Univ. Wageningen Pap., 89(6): 116 (1989): Jollydoroideae.
tribus **Manoteae** R.H.M.J. Lemmens in Agric. Univ. Wageningen Pap., 89(6): 116 (1989).

CONOSTYLIDACEAE

- fam. **Conostylidaceae** (Pax) A. Takhtadzhan, Sistema Magnoliofitov (Systema Magnoliophytorum): 313 (1987): Amaryllidaceae tribus Conostylidaceae.

CUCURBITACEAE

- subtribus **Actinostemmatinae** C. Jeffrey in Biol. & Utiliz. Cucurbitac. (ed. D.M. Bates et al.): 450 (1990).
subtribus **Cyclantherinae** C. Jeffrey in Biol. & Utiliz. Cucurbitac. (ed. D.M. Bates et al.): 461 (1990).
subtribus **Sicyinae** C. Jeffrey in Biol. & Utiliz. Cucurbitac. (ed. D.M. Bates et al.): 462 (1990).

CURTISIACEAE

- fam. **Curtisiaceae** (Harms) A. Takhtadzhan, Sistema Magnoliofitov (Systema Magnoliophytorum): 214 (1987): Cornaceae subfam. Curtisiaceae.

CYPERACEAE

- tribus **Koyamaeae** W.W. Thomas & G. Davidse in Syst. Bot., 14(2): 189 (1989).

DACTYLANTHACEAE

- fam. **Dactylanthaceae** (Engler) A. Takhtadzhan, Sistema Magnoliofitov (Systema Magnoliophytorum): 43 (1987): Balanophoraceae subfam. Dactylanthoideae.

DROSOPHYLLACEAE

- fam. **Drosophyllaceae** J. Chrtek, Z. Slavikova & M. Studnicka in Preslia, 61(2): 122 (1989).

EUPHORBIACEAE

- tribus **Benoistieae** A. Radcliffe-Smith in Kew Bull., 43(4): 632 (1988).
subtribus **Cleidiocarpinae** N.N. Thin in J. Biol. (Vietnam), 10(2): 32 (1988).
subtribus **Lobaniilinae** A. Radcliffe-Smith in Kew Bull., 44(2): 339 (1989).
tribus **Martretieae** Köhler ex J. Léonard in Bull. Jard. Bot. Nation. Belg., 59(3-4): 326 (1989).

EUPHRONIACEAE

- fam. **Euphroniaceae** L. Marcano-Berti in Pittieria, 18: 16 (1989); et in Ernstia, 57: 5 (1990).

FLACOURTIACEAE

- tribus **Poliothyrsieae** G.S. Fan in J. Wuhan Bot. Res., 8(2): 136 (1990).

GESNERIACEAE

- tribus **Titanotricheae** Yamazaki ex W.T. Wang in Fl. Reipubl. Popul. Sin., 69: 577 (1990).

GRAMINEAE

- subtribus **Arthrotyliidiinae** T.R. Soderstrom & R.P. Ellis in T.R. Soderstrom et al. (eds.), *Grass Syst. & Evol.*: 238 (1987 publ. March 1988).
- tribus **Atractocarpeae** (E.-G. Camus) Jacq.-Félix ex N.N. Tsvelev in Komarov. *Chten.*, 37: 22 (1987): subtribus *Atractocarpeae*.
- subtribus **Chusqueinae** T.R. Soderstrom & R.P. Ellis in T.R. Soderstrom et al. (eds.), *Grass Syst. & Evol.*: 238 (1987 publ. March 1988).
- tribus **Dendrocalameae** (Benth.) Keng ex N.N. Tsvelev in Komarov. *Chten.*, 37: 20 (1987): subtribus *Dendrocalameae*.
- tribus **Guaduelleae** T.R. Soderstrom & R.P. Ellis in T.R. Soderstrom et al. (eds.), *Grass Syst. & Evol.*: 238 (1987 publ. March 1988).
- subtribus **Guaduiniae** T.R. Soderstrom & R.P. Ellis in T.R. Soderstrom et al. (eds.), *Grass Syst. & Evol.*: 238 (1987 publ. March 1988).
- tribus **Leptaspideae** N.N. Tsvelev in Komarov. *Chten.*, 37: 25 (1987).
- supertribus **Maydatae** (Mathieu) L. Liou in *Acta Phytotax. Sin.*, 26(1): 14 (1988): tribus *Maydeae*.
- subtribus **Miscanthinae** L. Liou in *Acta Phytotax. Sin.*, 26(1): 24 (1988).
- subtribus **Monerminae** (C.E. Hubb.) N.N. Tsvelev in Komarov. *Chten.*, 37: 33 (1987): tribus *Monermeae*.
- subtribus **Nastinae** T.R. Soderstrom & R.P. Ellis in T.R. Soderstrom et al. (eds.), *Grass Syst. & Evol.*: 238 (1987 publ. March 1988).
- subtribus **Neurachninae** (S.T. Blake) W.D. Clayton & S.A. Renvoize, *Genera Graminum* (Kew Bull. Addit. Ser. 13): 377 (1986): tribus *Neurachneae*.
- subtribus **Neurolepidinae** T.R. Soderstrom & R.P. Ellis in T.R. Soderstrom et al. (eds.), *Grass Syst. & Evol.*: 238 (1987 publ. March 1988).
- supertribus **Olyrodae** T.R. Soderstrom & R.P. Ellis in T.R. Soderstrom et al. (eds.), *Grass Syst. & Evol.*: 238 (1987 publ. March 1988).
- subfam. **Oryzoideae** H. Duistermaat in *Blumea*, 32(1): 158 (1987).
- tribus **Oxytenanthereae** N.N. Tsvelev in Komarov. *Chten.*, 37: 22 (1987).
- tribus **Puelieae** T.R. Soderstrom & R.P. Ellis in T.R. Soderstrom et al. (eds.), *Grass Syst. & Evol.*: 238 (1987 publ. March 1988).
- subtribus **Schizostachyidinae** T.R. Soderstrom & R.P. Ellis in T.R. Soderstrom et al. (eds.), *Grass Syst. & Evol.*: 238 (1987 publ. March 1988).
- subtribus **Scolochloinae** (Tzvel.) N.N. Tsvelev in Komarov. *Chten.*, 37: 33 (1987): tribus *Scolochloaeae*.
- subtribus **Shibataeinae** (Nakai) T.R. Soderstrom & R.P. Ellis in T.R. Soderstrom et al. (eds.), *Grass Syst. & Evol.*: 238 (1987 publ. March 1988): tribus *Shibataeae*.

GRISELINIACEAE

- fam. **Griselinaceae** (Wangerin) A. Takhtadzhyan, *Sistema Magnoliifitov* (Systema Magnoliophytorum): 209 (1987): *Cornaceae* tribus *Griseliniae*.

GUMILLEACEAE

- fam. **Gumilleaceae** G. Kunkel, *Pl. Human Consumption*: 174 (1984), provisional name without latin descr.

HAEMODORACEAE

- subfam. **Conostyloidoideae** (Lindley) T.D. Macfarlane & S.D. Hopper in *Fl. Australia*, 45: 454 (1987): *Haemodoraceae* tribus *Conostyloideae*.
- tribus **Tribonantheae** T.D. Macfarlane & S.D. Hopper in *Fl. Australia*, 45: 454, 131 (1987).

HAMAMELIDACEAE

- subtribus **Dicoryphinae** P.K. Endress in *Taxon*, 38(3): 374 (1989).
- subtribus **Loropetalinae** P.K. Endress in *Taxon*, 38(3): 374 (1989).

HOSTACEAE

- fam. **Hostaceae** B. Mathew in *Kew Bull.*, 43(2): 302 (1988).

JUGLANDACEAE

- subfam. **Engelhardtioideae** I.A. Il'inskaya in *Bot. Zhurn.*, 75(6): 793 (1990), as 'Engelhardioideae'.

LACANDONIACEAE

- fam. **Lacandoniaceae** E. Martínez & C.H. Ramos in *Ann. Missouri Bot. Gard.*, 76(1): 128 (1989).

LANARIACEAE

- fam. **Lanariaceae** Huber ex R. Dahlgren in Goldblatt & Lowry (eds.) 1985 *AETFAT Proc.* (Monogr. Syst. Bot. Missouri Bot. Gard. 25): 71 (1988).

LARDIZABALACEAE

- subfam. **Decaisneioideae** H. Loconte & J.R. Estes in *Syst. Bot.*, 14(4): 574 (1989).
- tribus **Sinofranchetiae** H. Loconte & J.R. Estes in *Syst. Bot.*, 14(4): 575 (1989).
- tribus **Sinofranchetiae** H.N. Qin & Y.C. Tang in *Cathaya*, 1: 80 (1989).
- tribus **Stautoniae** H.N. Qin & Y.C. Tang in *Cathaya*, 1: 80 (1989).

LEGUMINOSAE

- tribus **Alhagiaceae** (DC.) A. Pramanik & K. Thothathri in *Bull. Bot. Surv. India*, 28(1-4): 200 (1986 publ. 1988): subtribus *Alhagiinae*.
- subtribus **Pseudarthriinae** (Hutch.) A. Pramanik & K. Thothathri in *Taxon*, 38(1): 109 (1989): tribus *Pseudarthriaceae*.
- subtribus **Trigonellinae** (Schulz) E. Small in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 177 (1987): tribus *Papilionatae-Trigonellae*.

MEDEOLACEAE

- fam. **Medeolaceae** (S. Watson) A. Takhtadzhyan, *Sistema Magnoliifitov* (Systema Magnoliophytorum): 291 (1987): *Liliaceae* subtribus *Medeoleae*.

MELIACEAE

- tribus **Nymanieae** F. White in *Bothalia*, 16(2): 145 (1986).

MONIMIACEAE

- subfam. **Glossocalycoideae** Thorne ex W.R. Philipson in *Nordic J. Bot.*, 8(1): 24 (1988).
- tribus **Hennecartieae** W.R. Philipson in *Nordic J. Bot.*, 7(1): 28 (1987), without latin descr.
- tribus **Hennecartieae** W.R. Philipson in *Nordic J. Bot.*, 8(1): 24 (1988).
- tribus **Palmerieae** W.R. Philipson in *Nordic J. Bot.*, 7(1): 28 (1987), without latin descr.
- tribus **Palmerieae** W.R. Philipson in *Nordic J. Bot.*, 8(1): 24 (1988).
- tribus **Peumieae** (Schodde) W.R. Philipson in *Nordic J. Bot.*, 7(1): 28 (1987), without basionym ref.: *Monimiaceae* subfam. *Peumioideae*.
- tribus **Peumieae** (Schodde) W.R. Philipson in *Nordic J. Bot.*, 8(1): 24 (1988): subfam. *Peumioideae*.

MONOTACEAE

- fam. **Monotaceae** A.J.G.H. Kostermans in *Taxon*, 38(1): 123 (1989), isonym; see A. Takhtadzhyan, *Sistema Magnoliifitov*: 129 (1987).
- fam. **Monotaceae** (Gilg) Maury ex A. Takhtadzhyan, *Sistema Magnoliifitov* (Systema Magnoliophytorum): 129 (1987): *Dipterocarpaceae* subfam. *Monotoideae*.

MYSTROPETALACEAE

- fam. **Mystropetalaceae** (Engler) A.L. Takhtadzhyan in *Bot. Zhurn.*, 75(5): 698 (1990): *Balanophoraceae* subfam. *Mystropetaloidae*.
- subfam. **Langsdorfioidae** (Engler) A.L. Takhtadzhyan in *Bot. Zhurn.*, 75(5): 698 (1990): *Balanophoraceae* tribus *Langsdorfiaceae*.

NELSONIACEAE

- fam. **Nelsoniaceae** G. Kunkel, *Pl. Human Consumption*: 245 (1984), nom. nov. but without repl. syn. date: *Acanthaceae* I. Nelsonioideae Engler

NYMPHAEACEAE

- subfam. **Nupharioidae** (Endl.) M. Ito in *Bot. Mag. Tokyo*, 100(1057): 33 (1987): *Nymphaeaceae* tribus *Nuphaeae*.

ORCHIDACEAE

- subtribus **Arppophyllinae** R.L. Dressler in *Lindleyana*, 5(2): 124 (1990).
- subtribus **Arundinae** R.L. Dressler in *Lindleyana*, 5(2): 124 (1990).
- subtribus **Bromheadiinae** R.L. Dressler in *Lindleyana*, 5(2): 124 (1990).
- subtribus **Coeliinae** R.L. Dressler in *Lindleyana*, 5(2): 124 (1990).
- tribus **Diceratostealeae** R.L. Dressler in *Lindleyana*, 5(2): 114 (1990).
- tribus **Diplandrorchieae** L.V. Aver'yanov in *Bot. Zhurn.*, 75(7): 1017 (1990).
- subtribus **Galeolinae** L.A. Garay in *Bot. Mus. Leaf. Harvard Univ.*, 30(4): 233 (1986).
- subtribus **Goveniinae** R.L. Dressler in *Lindleyana*, 5(2): 124 (1990).
- tribus **Nervilieae** (Schlechter) R.L. Dressler in *Lindleyana*, 5(2): 124 (1990): subtribus *Nerviliinae*.
- subfam. **Neuwiedioideae** P. Burns-Balogh & V.A. Funk in *Smithsonian Contrib. Bot.*, 61: 53 (1986).
- tribus **Palmorchideae** (Dressler) R.L. Dressler in *Lindleyana*, 5(2): 124 (1990): subtribus *Palmorchidinae*.
- tribus **Prasophylleae** (Schlechter) P. Burns-Balogh & V.A. Funk in *Smithsonian Contrib. Bot.*, 61: 54 (1986), without basionym ref.: *Basionym* not stated.
- subtribus **Prescottinae** R.L. Dressler in *Lindleyana*, 5(2): 115 (1990).
- tribus **Pterostylideae** (Schlechter) P. Burns-Balogh & V.A. Funk in *Smithsonian Contrib. Bot.*, 61: 56 (1986), without basionym ref.: *Basionym* not stated.

PAIVAEUSACEAE

- fam. **Paivausaceae** A.D.J. Meeuse, *Euphorbiac. Auct. Pl.*, an *Unnatural Taxon*: 30 (1990), nom. nov.: *Euphorbiaceae* subfam. *Oldfieldioideae* Köhler & Webster.

PALMAE

- subtribus **Archontophoenicinae** J. Dransfield & N.W. Uhl in *Principes*, 30(1): 8 (1986).
- subtribus **Beccariophoenicinae** J. Dransfield & N.W. Uhl in *Principes*, 30(1): 10 (1986).
- subtribus **Coryphinae** J. Dransfield & N.W. Uhl in *Principes*, 30(1): 4 (1986).
- subtribus **Cyrtostachyidinae** J. Dransfield & N.W. Uhl in *Principes*, 30(1): 8 (1986).
- subtribus **Euterpeinae** J. Dransfield & N.W. Uhl in *Principes*, 30(1): 7 (1986).
- subtribus **Leopoldiniinae** J. Dransfield & N.W. Uhl in *Principes*, 30(1): 7 (1986).
- subtribus **Manicariinae** J. Dransfield & N.W. Uhl in *Principes*, 30(1): 7 (1986).
- subtribus **Oncocalaminae** J. Dransfield & N.W. Uhl in *Principes*, 30(1): 5 (1986).
- subtribus **Oraniinae** J. Dransfield & N.W. Uhl in *Principes*, 30(1): 7 (1986).
- subtribus **Pigafettinae** J. Dransfield & N.W. Uhl in *Principes*, 30(1): 5 (1986).
- subtribus **Plectocomiinae** J. Dransfield & N.W. Uhl in *Principes*, 30(1): 5 (1986).
- tribus **Podococceae** J. Dransfield & N.W. Uhl in *Principes*, 30(1): 6 (1986).
- subtribus **Roystoneinae** J. Dransfield & N.W. Uhl in *Principes*, 30(1): 7 (1986).
- subtribus **Sclerospermatinae** J. Dransfield & N.W. Uhl in *Principes*, 30(1): 9 (1986).

PAPAVERACEAE

- subtribus **Discocapninae** M. Lidén in *Op. Bot.*, 88: 104 (1986).
- subtribus **Sarcocapninae** M. Lidén in *Op. Bot.*, 88: 29 (1986).

PEGANACEAE

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POLYGALACEAE

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POTTINGERIACEAE

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RANUNCULACEAE

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SMILACACEAE

- subfam. **Luzuriagoideae** (Engl.) J.G. Conran & H.T. Clifford in Fl. Australia, 46: 231 (1986): Liliaceae subfam. Luzuriagoideae.
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- subfam. **Tetraenoideae** Y.C. Ma & S.Z. Zhang in Acta Phytotax. Sin., 28(2): 93 (1990).

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ABAREMA-ACACIA

A

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- coreana*
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- distichum*
f. eburneum T.B. Lee in *J. Korean Pl. Taxon.*, 7(1-2): 22 (1976), without type—Korea.
var. obtusicaupum T.B. Lee in *J. Korean Pl. Taxon.*, 7(1-2): 22 (1976)—Korea.
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officialis Endl., *Cat. Horti Vindob.*, 2: 253 (1842); cf. *D.J. Mabberley in Taxon*, 33(3): 434 (1984)—Locality not stated.
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subsect. Religiosae (Matzenko) A. Farjon & K.D. Rushforth in *Notes Roy. Bot. Gard. Edinburgh*, 46(1): 70 (1989): A. ser. *Religiosae*.

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- alba*
var. pardei (Gaussen) J. Silba in *Phytologia*, 68(1): 9 (1990): A. *pardei*.
chensiensis
var. salouensis (Borderes-Rey & Gaussen) J. Silba in *Phytologia*, 68(1): 10 (1990): A. *salouensis*.
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cilicica
var. borisii-regis (Mattf.) J. Silba in *Phytologia*, 68(1): 11 (1990): A. *borisii-regis*.
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var. harrisii S.L. Welsh in *Great Basin Nat.*, 46(2): 258 (1986)—U.S.A. (Utah).

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neelgherrense
var. fischeri T.K. Paul & M.P. Nayar in *Bull. Bot. Surv. India*, 25(1-4): 183 (1983 publ. 1985)—India.

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adenogonia (Pedley) R.S. Cowan & B.R. Maslin in *Nuytsia*, 7(2): 203 (1990): *Racosperma adenogonium*.

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 alcockii *B.R. Maslin & D.J.E. Whibley in Nuytsia*, 6(1): 19 (1987)—Australia (S. Australia).
 alvaroi *L. Cárdenas & G. De Martino in Ernstia*, 56: 10 (1989)—Venezuela.
 angustifolia *Sterler, Hort. Nymph.*: 1 (1821); *cf. D.J. Mabberley in Taxon*, 33(3): 440 (1984)—Locality not stated.
 armillata (*Pedley*) *L. Pedley in Austrobaileya*, 3(2): 215 (1990): *Racosperma armillatum*.
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 awestoniana *R.S. Cowan & B.R. Maslin in Nuytsia*, 7(2): 185 (1990)—Australia (W. Australia).
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 brachypoda *B.R. Maslin in Nuytsia*, 7(2): 225 (1990)—Australia (W. Australia).
 caeruleascens *B.R. Maslin & A.B. Court in Muelleria*, 7(1): 131 (1989)—Australia (Victoria).
 caesariata *R.S. Cowan & B.R. Maslin in Nuytsia*, 7(2): 210 (1990)—Australia (W. Australia).
 callosa *Bertol., Hort. Bonon.*, 1826: 3 (1826) *et Giorn. Arcad.*, 29: 342 (1826); *cf. D.J. Mabberley in Taxon*, 32(1): 82 (1983)—West Indies.
 cassicula *R.S. Cowan & B.R. Maslin in Nuytsia*, 7(2): 187 (1990)—Australia (W. Australia).
 caurina *R.C. Barneby & T.A. Zanoni in Moscosoa*, 5: 20 (1989)—Hispaniola (Haiti).
 cochliacantha
 f. *houghii* (*Britton & Rose*) *D.S. Seigler & J.E. Ebinger in Syst. Bot.*, 13(1): 14 (1988): *Poponax houghii*.
 consobrina *R.S. Cowan & B.R. Maslin in Nuytsia*, 7(2): 189 (1990)—Australia (W. Australia).
 courtii *M.D. Tindale & C. Herscovitch in Telopea*, 4(1): 115 (1990)—Australia (New South Wales).
 cowaniana *B.R. Maslin in Nuytsia*, 7(2): 226 (1990)—Australia (W. Australia).
 cretacea *B.R. Maslin & D.J.E. Whibley in Nuytsia*, 6(1): 27 (1987)—Australia (S. Australia).
 cucuyo *R.C. Barneby & T.A. Zanoni in Moscosoa*, 5: 14 (1989)—Hispaniola (Dominican Republic).
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 delavayi
 var. *kunmingensis* *C. Chen & H. Sun in Acta Bot. Yunnanica*, 12(3): 262 (1990)—China.
 deltoidea
 subsp. *ampla* *R.S. Cowan & B.R. Maslin in Nuytsia*, 7(2): 206 (1990)—Australia (W. Australia).
 densispina *M. Thulin in Nordic J. Bot.*, 8(5): 460 (1989)—Somali Republic.
 desmondii *B.R. Maslin in Nuytsia*, 6(1): 33 (1987), nom. nov.: *A. nelsonii Maslin*.
 eremophiloides *L. Pedley & P.I. Forster in Austrobaileya*, 2(3): 277 (1986)—Australia (Queensland).
 farnesiana
 var. *guanacastensis* *H.D. Clarke, D.S. Seigler & J.E. Ebinger in Syst. Bot.*, 14(4): 562 (1989)—Costa Rica, Salvador, Guatemala, Mexico.
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 flavipila
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 hexaneura *P.J. Lang & R.S. Cowan in J. Adelaide Bot. Gard.*, 13: 115 (1990)—Australia (South Australia).
 interior (*Britt. & Rose*) *R. McVaugh, Fl. Novogaliciana*, 5: 130 (1987): Senegalia interior.
 janzenii *J.E. Ebinger & D.S. Seigler in Southwest. Nat.*, 32(2): 245 (1987)—Mexico.
 julifera
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 pennatula
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 piptadenioides *G.P. Lewis in Kew Bull.*, 44(1): 171 (1989)—Brazil.
 platyacantha *Bertol., Hort. Bot. Bonon.*, 1826: 3 (1826) *et Giorn. Arcad.*, 29: 342 (1826); *cf. D.J. Mabberley in Taxon*, 32(1): 82 (1983)—Brazil.
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 porcata *P.I. Forster in Austrobaileya*, 3(2): 261 (1990)—Australia (Queensland).
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 pringlei
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 undoolyana *G.J. Leach in J. Adelaide Bot. Gard.*, 11(1): 55 (1988)—Australia (N. Terr.).
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- ACAENA** (Rosac.).
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 emittens *B.H. Macmillan in New Zealand J. Bot.*, 27(1): 115 (1989)—New Zealand.
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- ACALYPHA** (Euphorbiac.).
 × *cristata* *A. Radcliffe-Smith in Kew Bull.*, 44(3): 443 (1989)—Kenya, Tanzania. (*A. ciliata* × *fimbriata*).
 elizabethiae *R.A. Howard in Phytologia*, 61(1): 1 (1986), as 'elizabethae'—Windward Is.
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 marissima *M.G. Gilbert in Kew Bull.*, 42(2): 360 (1987)—Ethiopia.
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- ACANTHOCARPUS** (Xanthorrhoeac.).
 canaliculatus *A.S. George in Fl. Australia*, 46: 221, 96 (1986)—Australia (W. Australia).
 humilis *A.S. George in Fl. Australia*, 46: 221, 95 (1986)—Australia (W. Australia).
 parviflorus *A.S. George in Fl. Australia*, 46: 221, 96 (1986)—Australia (W. Australia).
 robustus *A.S. George in Fl. Australia*, 46: 222, 95 (1986)—Australia (W. Australia).
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 aegaeum *F.K. Meyer in Haussknechtia, Mitt. Thüring. Bot. Ges.*, 3: 38 (1987)—East Aegean Is.
 albanicum *O. Schwarz & F.K. Meyer in Haussknechtia, Mitt. Thüring. Bot. Ges.*, 3: 31 (1987)—Albania.
 anzobicum *I.A. Linchevskii in Fl. Tadzhikskoi SSR*, 8: 480, 30 (1986)—U.S.S.R. (Middle Asia).
 var. *albiflorum* *I.A. Linchevskii in Fl. Tadzhikskoi SSR*, 8: 480 (1986)—U.S.S.R. (Middle Asia).
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 echinus
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 graecum *F.K. Meyer in Haussknechtia, Mitt. Thüring. Bot. Ges.*, 3: 20 (1987)—Greece, Albania.
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 minshelkense *N.V. Pavlov in Vestn. Akad. Nauk Kaz. SSR*, 1949(1): 35 (1949)—U.S.S.R. (Middle Asia).

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 olympicum (Boiss.) F.K. Meyer in *Hausknechtia*, Mitt. Thüring. Bot. Ges., 3: 24 (1987): A. androsaceum β olympicum.
 raikoviae Czerniak. ex I.A. Linchevskii in *Fl. Tadzhikskoi SSR*, 8: 481, 20 (1986)—U.S.S.R. (Middle Asia).
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 trojanum F.K. Meyer in *Hausknechtia*, Mitt. Thüring. Bot. Ges., 3: 27 (1987)—Turkey.

ACANTHOPANAX (Araliac.).

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 nanpingensis X.P. Fang & C.K. Hsieh in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(4): 87 (1987)—China.
 wilsonii
 var. pilosulus (Rehd.) X.P. Fang & C.K. Hsieh in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(4): 90 (1987): A. giraldii var. pilosulus.

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- sect. *Elatiora* (Schischk.) M. Musaeva in *Uzb. Biol. Zhurn.*, 1981(5): 30 (1981), without basionym ref.: Basionym not stated.
 sect. *Pseudacanthophyllum* (Boiss.) K.H. Rechinger in *Fl. Iran.*, 163: 319 (1988): *Gypsophila* sect. *Pseudacanthophyllum*.
 sect. *Scapiflora* H. Schiman-Czeika in *Fl. Iran.*, 163: 324 (1988).
 andarabicum Podl. ex H. Schiman-Czeika in *Fl. Iran.*, 163: 317 (1988)—Afghanistan.
 andersenii K.H. Rechinger & H. Schiman-Czeika in *Fl. Iran.*, 163: 301 (1988)—Iran.
 anisocladum H. Schiman-Czeika in *Fl. Iran.*, 163: 326 (1988), nom. nov.: *Saponaria acerosa* Boiss.
 bilobum H. Schiman-Czeika in *Fl. Iran.*, 163: 328 (1988)—Afghanistan.
 kabalicum H. Schiman-Czeika in *Fl. Iran.*, 163: 307 (1988)—Afghanistan.
 khuzistanicum K.H. Rechinger in *Fl. Iran.*, 163: 273 (1988)—Iran, Iraq.
 lamondiae H. Schiman-Czeika in *Fl. Iran.*, 163: 325 (1988)—Afghanistan.
 leucostegium H. Schiman-Czeika in *Fl. Iran.*, 163: 272 (1988)—Iran.
 maimanense K.H. Rechinger & H. Schiman-Czeika in *Fl. Iran.*, 163: 306 (1988)—Afghanistan.
 pachycephalum H. Schiman-Czeika in *Fl. Iran.*, 163: 269 (1988)—Iran.
 pleiostegium H. Schiman-Czeika in *Fl. Iran.*, 163: 281 (1988)—Afghanistan.
 scapiflorum (Akhhtar) H. Schiman-Czeika in *Fl. Iran.*, 163: 328 (1988): *Gypsophila scapiflorum*.
 speciosum K.H. Rechinger & H. Schiman-Czeika in *Fl. Iran.*, 163: 314 (1988)—Iran, U.S.S.R. (Middle Asia).

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- rivas-martinezii (Sánchez Mata) J. Fernández Casas & D. Sánchez Mata in *Fontqueria*, 20: 63 (1988): *Misopates rivas-martinezii*.

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 subsp. ebarbatus R.M. Barker in *J. Adelaide Bot. Gard.*, 9: 73 (1986)—Australia (N. Terr., Queensland, W. Australia).
 hirsutus
 f. roseus D.J. Wood in *Notes Roy. Bot. Gard. Edinburgh*, 46(1): 7 (1989)—Turkey.
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- changii Z.R. Xu in *Acta Sci. Nat. Univ. Sunyatseni*, 1986(2): 100 (1986), without type—China.
 cordatum
 var. jinggangshanense Z.X. Yu in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 151 (1986)—China.
 davidii
 var. grandifolium S.Y. Liang & Y.Q. Huang in *Guihaia*, 9(4): 299 (1989)—China.
 dissectum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 911 (1784)—Japan.†
 duplicatoserratum
 var. chinense C.S. Chang in *J. Arnold Arbor.*, 71(4): 557 (1990)—China.
 fabri
 var. tongguense Z.X. Yu in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 152 (1986)—China.
 gracilifolium Fang & C.C. Fu in *Fl. Tsinlingensis*, 1(3): 453, 228 (1981)—China.
 guizhouense Y.K. Li in *Guihaia*, 7(3): 211 (1987)—China.
 japonicum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 911 (1784)—Japan.†
 lauyense Fang ex C.C. Fu in *Fl. Tsinlingensis*, 1(3): 454, 231 (1981)—China.
 legonsanicum Y.K. Li in *Guihaia*, 7(3): 212 (1987)—China.
 miaotaiense
 var. glabrum M.C. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(2): 67 (1988)—China.
 neapolitanum Ten., *Cat. Pl. Hort. Reg. Neap., App.*, 1: 75 (1815); cf. D.J. Mabberley in *Taxon*, 33(3): 440 (1984)—Locality not stated.
 opalus
 var. montsicianum (Font Quer) A.M. Romo i Díez, *Fl. Veg. Montsec (Pre-Pirineus Catalans)*: 189 (1989): A. hispanicum f. montsicianum.
 var. reginae-amaliae (Orph. ex Boiss.) B. Aldén in A. Strid (ed.), *Mount. Fl. Greece*, 1: 582 (1986): A. reginae-amaliae.
 palmatum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 911 (1784)—Japan.†
 pictum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 912 (1784)—Japan.†
 septemlobum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 912 (1784)—Japan.†
 shenkanense Fang ex C.C. Fu in *Fl. Tsinlingensis*, 1(3): 452, 220 (1981)—China.
 stenolobum
 var. monochladaea S.C. Cui & J.X. Yu in *Acta Phytotax. Sin.*, 27(2): 131 (1989)—China.
 tricaudatum Fang & C.C. Fu in *Fl. Tsinlingensis*, 1(3): 452, 224 (1981)—China.
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- anthropomorphum (Willd.) Sm. in *Rees, Cyclop.*, 39(1): *Aceras* n. 2 (1818); cf. D.J. Mabberley in *Taxon*, 32(1): 81 (1983), as 'anthropophorum': Basionym not stated.
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 f. purpurata M. Balayer in *Bull. Soc. Bot. France, Lett. Bot.*, 133(3): 280 (1986)—France.

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 subsp. amplexicaulis (Lapeyr.) J. Holub in *Folia Geobot. Phytotax.*, 24(4): 426 (1989): *Rumex amplexicaulis*.
 pseudoxyria (Tolm.) N.N. Tsvelev in *Novosti Sist. Vyssh. Rast.*, 24: 74 (1987): *Rumex acetosa* subsp. pseudoxyria.
 thyrsiflora
 subsp. intermedia (DC.) Á. Löve in *Taxon*, 35(3): 612 (1986): *Rumex intermedium*.

ACETOSELLA (Polygonac.).

- aureostigmatica (Kom.) N.N. Tsvelev in *Novosti Sist. Vyssh. Rast.*, 24: 74 (1987): *Rumex aureostigmaticus*.
 gracilescens (K.H. Rech.) Á. Löve in *Taxon*, 35(3): 612 (1986): *Rumex paucifolius* var. *gracilescens*.
 multifida (L.) Á. Löve, *Fl. Iceland*: 168 (1983): *Rumex multifidus*.
 paucifolia (Nutt.) Á. Löve in *Taxon*, 35(3): 612 (1986): *Rumex paucifolius*.

ACHATOCARPUS (Achatocarpac.).

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 var. bicornutus (Schinz & Aufran) S.M. Botta in *Fl. Illustr. Entre Ríos (Argent.)*, 3: 223 (1987): A. bicornutus.

ACHILLEA (Compos.).

- ser. *Ligulatae* Botsch. ex M.L. Samutina in *Vestn. Leningrad. Univ., Biol.*, 1983(21): 96 (1983).
 ser. *Parmicariae* Botsch. ex M.L. Samutina in *Vestn. Leningrad. Univ., Biol.*, 1983(21): 96 (1983).
 ser. *Salicifoliae* Botsch. ex M.L. Samutina in *Vestn. Leningrad. Univ., Biol.*, 1983(21): 96 (1983).
 × *albinea* Z. Bjelčić & Maly in *Glasn. Zem. Muz. Bosne Herceg. Prir. Nauke*, 8: 68 (1969 publ. 1971)—Jugoslavia. (A. abrotanoides × *clavenae*).
 aucheri
 subsp. glabra A. Huber-Morath in *Fl. Iran.*, 158: 57 (1986)—Iran.
 croatica Hort. Vindob. ex Hornem., *Hort. Hafn.*: 838 (1815); cf. D.J. Mabberley in *Taxon*, 33(3): 436 (1984)—Locality not stated.
 × *huber-morathii* K.H. Rechinger in *Fl. Iran.*, 158: 71 (1986)—Iran. (A. bibersteinii × *nobilis* subsp. *neilreichii*).
 millefolium
 subsp. chitralensis A. Huber-Morath in *Fl. Iran.*, 158: 64 (1986)—Pakistan.
 subsp. elbursensis A. Huber-Morath in *Fl. Iran.*, 158: 63 (1986)—Iran.
 pindicola
 subsp. integrifolia (Halácsy) R. Franzén in *Willdenowia*, 16(1): 20 (1986): A. *clavennae* var. *integrifolia*.
 sambucifolia C.C. Gmel., *Hort. Mag. Duc. Bad. Carlsruh.*: 3 (1811); cf. D.J. Mabberley in *Taxon*, 33(3): 440 (1984)—Locality not stated.
 sprengliana Huber in *Revue horticole*, 48: 455 (1876); cf. D.J. Mabberley in *Taxon*, 34(3): 450 (1985)—Locality not stated.
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- nayaritensis L.E. Skog in *Op. Bot.*, 92: 225 (1987)—Mexico.

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- chingii
 var. laxum P.C. Kuo & S.L. Lu in *Fl. Xizangica*, 5: 257 (1987)—China.
 duthiei (Hook. f.) P.C. Kuo & S.L. Lu ex J.L. Yang in *Fl. Sichuanica*, 5(2): 190 (1988), without basionym date: *Stipa duthiei*.
 pekinense
 subsp. effusum (Maximowicz) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 483 (1987): *Stipa sibirica* var. *effusa*.
 subsp. pubicalyx (Ohwi) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 483 (1987): *Stipa pubicalyx*.

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- decandrus (Montr.) A. Guillaumin in *Ann. Soc. Bot. Lyon*, 38: 100 (1913 publ. 1914); et *Sp. Montrouz.*: 26 (1914) (reprint): *Chrysophyllum decandrum*.†

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ACHYRANTHES (Amaranthac.).

- megaphylla Y.H. Li in *Guihaia*, 9(1): 26 (1989)—China.
 sessilis (L.) Besser, *Cat. Jard. Bot. Krz.*: 12 (1810); cf. D.J. Mabberley in *Taxon*, 30(1): 14 (1981): Basionym not stated.
 virgata (Jacq.) Zeyher, *Verz. Saemm. Gewaech. Schweizingen*: 11 (1818); cf. D.J. Mabberley in *Taxon*, 33(3): 440 (1984): *Celosia virgata*.

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oaxacana G.L. Nesom in *Phytologia*, 68(5): 364 (1990)—Mexico.
peruviana M.O. Dillon & A. Sagástegui-Alva in *Phytologia*, 60(2): 107 (1986)—Peru.
turneri G.L. Nesom in *Phytologia*, 68(3): 183 (1990)—Guatemala, Honduras, Nicaragua.
- ACIACHNE** (Gramin.).
acicularis S. Laegaard in *Nordic J. Bot.*, 7(6): 669 (1987)—Bolivia, Venezuela, Colombia, Peru.
flagellifera S. Laegaard in *Nordic J. Bot.*, 7(6): 669 (1987)—Ecuador, Colombia.
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obtusisepala E. Marchesi in *Bol. Invest. (Montevideo)*, 5: 4 (1987)—Uruguay.
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chinouensis (Wen) C.S. Chao & T.H. Wen in *J. Bamboo Res.*, 7(1): 31 (1988): Indosasa chinouensis.
dayongensis T.P. Yi in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(4): 25 (1986)—China.
edulis (Wen) T.H. Wen in *J. Bamboo Res.*, 7(1): 31 (1988): Sinobambusa edulis.
gracilis W.T. Lin & X.B. Ye in *Acta Phytotax. Sin.*, 26(2): 149 (1988)—China.
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purpurea (Hsueh & Yi) P.C. Keng in *J. Wuhan Bot. Res.*, 4(4): 335 (1986): Indosasa purpurea.
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var. adriapolitanus (Podp.) M. Anchev in *Fl. Nar. Republ. Bulgariya*, 9: 350 (1989): Calamintha alpina var. adriapolitana.
var. thracicus (Vel.) M. Anchev in *Fl. Nar. Republ. Bulgariya*, 9: 351 (1989): Calamintha thracica.
nanus P.H. Davis & Doroszenko in *Fl. Turkey & E. Aegean Is.*, 10: 236, 208 (1988)—Crete, East Aegean Is.
troodi
subsp. grandiflorus P. Hartvig & A. Strid in *Bot. Jahrb.*, 108(2-3): 331 (1987)—Turkey.
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fernandesii W.R. Anderson in *Contrib. Univ. Mich. Herb.*, 17: 39 (1990)—Brazil.
- ACMENA** (Myrtac.).
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- ACMISPON** (Legumin.).
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roudairei (Bonnet) P. Lassen in *Willdenowia*, 16(1): 108 (1986): Lotus roudairei.
- ACONITUM** (Ranunculac.).
sect. *Catenata* Steinh. ex M. Tamura in *Acta Phytotax. Geobot.*, 41(1-3): 100 (1990).
ser. Japonica (Nakai) Y. Kadota, *Revis. Aconitum subgen. Aconitum (Ranunculac.) East Asia*: 52 (1987): A. sect. Japonica.
subser. Nipponica (Nakai) Y. Kadota, *Revis. Aconitum subgen. Aconitum (Ranunculac.) East Asia*: 53 (1987): A. sect. Nipponica.
ser. Yuparensia Y. Kadota, *Revis. Aconitum subgen. Aconitum (Ranunculac.) East Asia*: 49 (1987).
abietetorum W.T. Wang & L.Q. Li in *Acta Phytotax. Sin.*, 25(1): 32 (1987)—China.
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alboviolaceum
var. albiflorum (S.H. Li & Y.H. Huang) S.H. Li in *Fl. Liaoningica, chief ed. S.X. Li*, 1: 476 (1988): A. alboviolaceum f. albiflorum.
ambiguum
subsp. baicalense (Turcz. ex Rapaics) V.N. Voroshilov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(1): 90 (1988): A. baicalense.
arcuatum
subsp. axilliflorum (Worosch.) Y. Kadota, *Revis. Aconitum subgen. Aconitum (Ranunculac.) East Asia*: 77 (1987): A. axilliflorum.
benzilanense T.L. Ming in *Acta Bot. Yunnanica*, 7(3): 304 (1985)—China.
bhutanicum Y. Kadota in *H. Ohba & S.B. Malla, Himalayan Pl., I (Univ. Mus. Univ. Tokyo Bull., 31)*: 211 (1988)—Bhutan.
chasmanthum
subsp. baltistanicum R.A. Qureshi & M.N. Chaudhri in *Pakistan Syst.*, 3(1): 4 (1987)—Pakistan.
daxinganlinense Y.Z. Zhao in *Acta Sci. Nat. Univ. Intramongolicae*, 14(2): 223 (1983)—China.
delphinifolium
subsp. pavlovae (Worosch.) V.N. Voroshilov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 94(2): 87 (1989): A. pavlovae.
elliottii
var. glabrescens W.T. Wang & L.Q. Li in *Acta Bot. Yunnanica*, 8(3): 259 (1986)—Xizang.
var. pilopetalum W.T. Wang & L.Q. Li in *Acta Bot. Yunnanica*, 8(3): 260 (1986)—Xizang.
fanjingshanicum W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 3 (1989)—China.
gezaense W.T. Wang & L.Q. Li in *Acta Phytotax. Sin.*, 25(1): 31 (1987)—China.
hemsleyanum
var. lasianthum W.T. Wang & L.Q. Li in *Acta Phytotax. Sin.*, 25(1): 29 (1987)—China.
var. leucanthum P. Guo & M.R. Jia in *Acta Bot. Yunnanica*, 12(2): 172 (1990), as 'leueanthum'—China.
var. pilopetalum W.T. Wang & L.Q. Li in *Acta Phytotax. Sin.*, 25(1): 29 (1987)—China.
var. puberulum W.T. Wang & L.Q. Li in *Acta Bot. Yunnanica*, 8(3): 260 (1986)—Xizang.
henryi
var. pilocarpum W.T. Wang & L.Q. Li in *Acta Phytotax. Sin.*, 25(1): 29 (1987)—China.
heterophyllum
subsp. parciflorum R.A. Qureshi & M.N. Chaudhri in *Pakistan Syst.*, 3(1): 6 (1987)—Pakistan.
hopeiense (W.T. Wang) V.N. Voroshilov in *Byull. Glavn. Bot. Sada (Moscow)*, 151: 43 (1988 publ. 1989): A. leucostomum var. hopeiense.
huizenense T.L. Ming in *Acta Bot. Yunnanica*, 7(3): 301 (1985)—China.
jaluense
subsp. iwatekense (Nakai) Y. Kadota in *Ann. Tsukuba Bot. Gard.*, 2: 101 (1983): A. iwatekense.
japonicum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 504 (1784)—Japan.†
subsp. ibukiense (Nakai) Y. Kadota, *Revis. Aconitum subgen. Aconitum (Ranunculac.) East Asia*: 170 (1987): A. ibukiense.
var. iyariense Y. Kadota, *Revis. Aconitum subgen. Aconitum (Ranunculac.) East Asia*: 190 (1987)—Japan.
subsp. maritimum (Nakai ex Tamura & Namba) Y. Kadota in *Ann. Tsukuba Bot. Gard.*, 2: 100 (1983): A. deflexum var. maritimum.
subsp. napiforme (Lév. & Van't.) Y. Kadota, *Revis. Aconitum subgen. Aconitum (Ranunculac.) East Asia*: 179 (1987): A. napiforme.
subsp. subcuneatum (Nakai) Y. Kadota, *Revis. Aconitum subgen. Aconitum (Ranunculac.) East Asia*: 174 (1987): A. subcuneatum.
jeholense
var. angustius (W.T. Wang) Y.Z. Zhao in *Acta Sci. Nat. Univ. Intramongolicae*, 14(2): 222 (1983): A. soongaricum var. angustius.
kiyomiense Y. Kadota in *Bull. Nation. Sci. Mus., B (Tokyo)*, 13(1): 26 (1987)—Japan.
kongboense
var. polycarpum W.T. Wang & L.Q. Li in *Acta Phytotax. Sin.*, 25(1): 33 (1987): China.
- ACONITUM** :-
longtouense T.L. Ming in *Acta Bot. Yunnanica*, 7(3): 302 (1985)—China.
luningense W.T. Wang in *Acta Phytotax. Sin.*, 25(1): 24 (1987)—China.
lycoctonifolium W.T. Wang & L.Q. Li in *Acta Phytotax. Sin.*, 25(1): 27 (1987)—Xizang.
maximum
f. album K. Sato in *J. Jap. Bot.*, 61(5): 138 (1986)—Japan.
subsp. kurilense (Takeda) Y. Kadota, *Revis. Aconitum subgen. Aconitum (Ranunculac.) East Asia*: 131 (1987): A. kurilense.
napiforme
var. albiflorum Y.N. Lee in *Korean J. Bot.*, 25(4): 177 (1982)—Korea.
nipponicum
subsp. micranthum (Nakai) Y. Kadota, *Revis. Aconitum subgen. Aconitum (Ranunculac.) East Asia*: 225 (1987): A. micranthum.
var. septemcarpum (Nakai) Y. Kadota, *Revis. Aconitum subgen. Aconitum (Ranunculac.) East Asia*: 223 (1987): A. septemcarpum.
ouvrardianum
var. pilopes W.T. Wang & L.Q. Li in *Acta Phytotax. Sin.*, 25(1): 32 (1987)—China.
paniculatum
var. turrachense W. Mucher in *Phyton (Austria)*, 30(1): 83 (1990)—Austria, Switzerland, Italy, Jugoslavia.
pavlovae V.N. Voroshilov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 92(6): 125 (1987)—U.S.S.R. (Soviet Far East).
pilopetalum W.T. Wang & L.Q. Li in *Acta Phytotax. Sin.*, 25(1): 30 (1987)—China.
pseudokongboense W.T. Wang & L.Q. Li in *Acta Bot. Yunnanica*, 8(3): 260 (1986)—Xizang.
sachalinense
subsp. yezoense (Nakai) Y. Kadota, *Revis. Aconitum subgen. Aconitum (Ranunculac.) East Asia*: 119 (1987): A. yezoense.
sczukinii
subsp. subalpinum (Baran.) V.N. Voroshilov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 94(2): 83 (1989): A. subalpinum.
senanense
subsp. paludicola (Nakai) Y. Kadota, *Revis. Aconitum subgen. Aconitum (Ranunculac.) East Asia*: 214 (1987): A. paludicola.
subglandulosum A.P. Khokhryakov, *Analiz Fl. Kolym'skogo Nagor'ya*: 42 (1989), nom. nov.: A. glandulosum Khokhr.
sungpanense
var. villosulum W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 5 (1989)—China.
swatense
var. bracteatum R.A. Qureshi & M.N. Chaudhri in *Pakistan Syst.*, 3(1): 5 (1987)—Pakistan.
var. kashmeriense R.A. Qureshi & M.N. Chaudhri in *Pakistan Syst.*, 3(1): 5 (1987)—Pakistan.
tabatae M. Tamura in *Acta Phytotax. Geobot.*, 37(4-6): 152 (1986)—Nepal.
taigicola V.N. Voroshilov in *Byull. Glavn. Bot. Sada (Moscow)*, 151: 42 (1988 publ. 1989)—U.S.S.R. (Soviet Far East).
variegatum
subsp. paniculatum (Arcangeli) W. Greuter & Burdet in *Willdenowia*, 19(1): 42 (1989): A. cammarum subsp. paniculatum.
subsp. valesiacum (Gäyer) W. Greuter & Burdet in *Willdenowia*, 19(1): 42 (1989): A. valesiacum.
violaceum
var. multifidum (Royle) R.A. Qureshi & M.N. Chaudhri in *Pakistan Syst.*, 4(1-2): 44 (1988): A. multifidum.
wardii
var. trisectum W.T. Wang & L.Q. Li in *Acta Phytotax. Sin.*, 25(1): 24 (1987)—China.
wolongense W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 1 (1989)—China.
yangii W.T. Wang & L.Q. Li in *Acta Phytotax. Sin.*, 25(1): 25 (1987)—China.
var. villosulum W.T. Wang & L.Q. Li in *Acta Phytotax. Sin.*, 25(1): 26 (1987)—China.
yanyuanense W.T. Wang & L.Q. Li in *Acta Phytotax. Sin.*, 25(1): 28 (1987)—China.

ACONITUM :-

- yuparense
var. apoiense (Nakai) Y. Kadota, *Revis. Aconitum subgen. Aconitum (Ranunculac.) East Asia*: 71 (1987): A. apoiense.
- zigzag
subsp. kishidae (Nakai) Y. Kadota, *Revis. Aconitum subgen. Aconitum (Ranunculac.) East Asia*: 207 (1987): A. kishidae.
- subsp. komatsui (Nakai) Y. Kadota, *Revis. Aconitum subgen. Aconitum (Ranunculac.) East Asia*: 204 (1987): A. komatsui.
- subsp. ryohakuense Y. Kadota in *Mem. Nation. Sci. Mus. (Tokyo)*, 19: 137 (1986)—Japan.

ACONOGONON (Polygonac.).

- sect. Fagopyroides N.N. Tsvetlev in *Novosti Sist. Vyssh. Rast.*, 24: 77 (1987).
- sect. Hultenia N.N. Tsvetlev in *Novosti Sist. Vyssh. Rast.*, 24: 77 (1987).
- sect. Pleuropteropyrum (H. Gross) N.N. Tsvetlev in *Novosti Sist. Vyssh. Rast.*, 24: 77 (1987): gen. Pleuropteropyrum.
- ajanense
var. divaricatum (Fr. Schmidt) N.N. Tsvetlev in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 4: 96 (1989): Polygonum polymorphum var. divaricatum.
- amgense (Michal. & V. Perf.) N.N. Tsvetlev in *Novosti Sist. Vyssh. Rast.*, 24: 77 (1987): Polygonum amgense.
- diffusum (Willd. ex Spreng.) N.N. Tsvetlev in *Novosti Sist. Vyssh. Rast.*, 25: 184 (1988): Polygonum diffusum.
- hultenianum (Jurtz.) N.N. Tsvetlev in *Novosti Sist. Vyssh. Rast.*, 24: 77 (1987): Polygonum alascanum subsp. hultenianum.
- ocreatum
var. jurtzevii N.N. Tsvetlev in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 4: 96 (1989)—U.S.S.R. (Soviet Far East).
- var. laxmannii (Lepech.) N.N. Tsvetlev in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 4: 96 (1989): Polygonum laxmannii.
- var. riparium (Georgi) N.N. Tsvetlev in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 4: 96 (1989): Polygonum riparium.
- pangianum G.D. Pal & G.G. Maiti in *Bull. Bot. Surv. India*, 26(1-2): 95 (1984 publ. 1985)—India.
- pseudoajanense V.Yu. Barkalov & I.B. Vyshin in *Bot. Zhurn.*, 74(8): 183 (1989)—Kuril Is.
- rhombitepalum S.P. Hong in *Notes Roy. Bot. Gard. Edinburgh*, 46(3): 361 (1990)—Burma, China.
- savatieri (Nakai) N.N. Tsvetlev in *Novosti Sist. Vyssh. Rast.*, 24: 77 (1987): Polygonum savatieri.
- var. iturupense (Mischurov) N.N. Tsvetlev in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 4: 100 (1989): Polygonum iturupense.
- tzvetlevii V.Yu. Barkalov & I.B. Vyshin in *Bot. Zhurn.*, 74(8): 182 (1989)—U.S.S.R. (Soviet Far East).

ACORELLUS (Cyperac.).

- laevigatus
subsp. distachyos (All.) J. Holub in *Folia Geobot. Phytotax.*, 23(4): 413 (1988): Cyperus distachyos.

ACORUS (Arac.).

- latifolius Z.Y. Zhu in *Acta Bot. Bor.-Occid. Sin.*, 5(2): 118 (1985)—China.
- xiangyeus Z.Y. Zhu in *Acta Bot. Bor.-Occid. Sin.*, 5(2): 119 (1985)—China.

ACOSTA (Compos.).

- avilae (Pau) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 2: 21 (1982): Centaurea avilae.
- ×beltrani (Pau) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 2: 21 (1982): Centaurea tenuifolia subsp. beltrani.
- boissieri
subsp. atlantica (Font Quer) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 2: 21 (1982): Centaurea boissieri var. atlantica.
- subsp. calvescens (Maire) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 2: 21 (1982): Centaurea boissieri var. calvescens.

ACOSTA :-

- subsp. funkii (Schultz Bip. ex Willk.) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 2: 21 (1982): Centaurea funkii.
- subsp. mariolensis (Rouy) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 2: 22 (1982): Centaurea mariolensis.
- subsp. prostrata (Cosson) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 2: 22 (1982): Centaurea prostrata.
- subsp. willkommii (Schultz Bip. ex Willk.) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 2: 22 (1982): Centaurea willkommii.
- citricolor (Font Quer) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 2: 22 (1982): Centaurea citricolor.
- jaennensis (Degen & Debeaux) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 2: 22 (1982): Centaurea jaennensis.
- pau (Loscoc ex Willk.) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 2: 22 (1982): Centaurea pau.
- piniae (Pau) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 2: 22 (1982): Centaurea piniae.
- pinnata (Pau) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 2: 22 (1982): Centaurea pinnata.
- resupinata (Cosson) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 2: 22 (1982): Centaurea resupinata.
- subsp. degenii (Sennen) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 2: 22 (1982): Centaurea degenii.
- subsp. lagascae (Nyman) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 2: 22 (1982): Centaurea lagascae.
- subsp. spachii (Schultz Bip. ex Willk.) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 2: 23 (1982): Centaurea spachii.
- rouyi (Coincy) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 2: 23 (1982): Centaurea rouyi.
- sagredo (Blanca) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 2: 23 (1982): Centaurea sagredo.

ACOSTAEA (Orchidac.).

- costaricensis
subsp. bicornis (Luer) C.A. Luer, *IC. Pleurothallid. IV (Monogr. Syst. Bot. Missouri Bot. Gard.*, 24): 8 (1987): A. bicornis.
- subsp. colombiana (Garay) C.A. Luer, *IC. Pleurothallid. IV (Monogr. Syst. Bot. Missouri Bot. Gard.*, 24): 10 (1987): A. colombiana.
- subsp. unicornis (Luer) C.A. Luer, *IC. Pleurothallid. IV (Monogr. Syst. Bot. Missouri Bot. Gard.*, 24): 14 (1987): A. unicornis.

ACOURTIA (Compos.).

- acevedoi M. González Elizondo in *Phytologia*, 61(2): 117 (1986)—Mexico.
- dieringeri L. Cabrera R. in *Sida*, 13(4): 419 (1989)—Mexico.
- mexicana (Lag. ex D. Don) H. Robinson in *Phytologia*, 69(2): 106 (1990): Proustia mexicana.

ACRIOPSIS (Orchidac.).

- densiflora
var. borneensis (Ridley) M.E. Minderhoud & E.F. de Vogel in *Orchid Monogr.*, 1: 7 (1986): A. borneensis.
- gracilis M.E. Minderhoud & E.F. de Vogel in *Orchid Monogr.*, 1: 7 (1986)—Borneo (Sabah).
- javanica
var. auriculata M.E. Minderhoud & E.F. de Vogel in *Orchid Monogr.*, 1: 14 (1986)—Borneo (Sarawak, Sabah, Brunei, Kalimantan), Burma, Vietnam, Malaya, Sumatra, Java.
- var. floribunda (Ames) M.E. Minderhoud & E.F. de Vogel in *Orchid Monogr.*, 1: 13 (1986): A. floribunda.

ACROCERAS (Gramin.).

- chaseae F.O. Zuloaga & O. Morrone in *Darwiniana*, 28(1-4): 198 (1987 publ. 1988)—Brazil.
- excavatum (Henrard) F.O. Zuloaga & O. Morrone in *Darwiniana*, 28(1-4): 195 (1987 publ. 1988): Panicum excavatum.

ACROCERAS :-

- fluminense (Hackel) F.O. Zuloaga & O. Morrone in *Darwiniana*, 28(1-4): 197 (1987 publ. 1988): Panicum fluminense.

ACRODON (Aizoac.).

- duplessiae (L. Bol.) H.F. Glen in *Bothalia*, 16(2): 217 (1986): Ruschia duplessiae.
- leptophyllus (L. Bol.) H.F. Glen in *Bothalia*, 16(2): 217 (1986): Ruschia leptophylla.

ACROGLOCHIN (Chenopodiac.).

- persicarioides
var. muliensis T.P. Soong in *Fl. Sichuanica*, 4: 3 (1988)—China.
- var. multiflora T.P. Soong in *Fl. Sichuanica*, 4: 3 (1988)—China.

ACROLOPHIA (Orchidac.).

- barbata (Thunb.) H.P. Linder in *S. Afr. J. Bot.*, 54(5): 498 (1988): Limodorum barbata.

ACRONEMA (Umbellif.).

- yadongense S.L. Liou in *Acta Phytotax. Sin.*, 28(2): 147 (1990)—Xizang.

ACRONYCHIA (Rutac.).

- oblongifolia (Hook.) Endl., *Cat. Horti Vindob.*, 2: 402 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 434 (1984): Basionym not stated.

ACROPOGON (Sterculiac.).

- aoupiniensis P. Morat in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 10(2): 93 (1988)—New Caledonia.
- austrocaledonicus (J.D. Hook.) P. Morat in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(4): 361 (1986 publ. 1987): Sterculia austro-caledonica.
- bullatus (Pancher & Sebert) P. Morat in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(4): 361 (1986 publ. 1987): Sterculia bullata.
- domatifer P. Morat in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 10(2): 96 (1988)—New Caledonia.
- dzumacensis (Guillaumin) P. Morat in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(4): 361 (1986 publ. 1987): Sterculia dzumacensis.
- francii (Guillaumin) P. Morat in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(4): 361 (1986 publ. 1987): Sterculia francii.
- megaphyllus (Bureau & Poisson ex Guillaumin) P. Morat in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(4): 361 (1986 publ. 1987): Sterculia megaphylla.
- schefferaefolius (Guillaumin) P. Morat in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(4): 361 (1986 publ. 1987): Sterculia schefferaefolia.
- veillonii P. Morat in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 10(2): 99 (1988)—New Caledonia.

ACRORCHIS R.L. Dressler in *Orquidea (México)*, 12(1): 14 (1990). **ORCHIDACEAE**.

- roseola R.L. Dressler in *Orquidea (México)*, 12(1): 14 (1990)—Panama, Costa Rica.

ACROTRICHE (Epacridac.).

- leucocarpa P.C. Jobson & T. Whiffin in *Muelleria*, 7(2): 295 (1990)—Australia (New South Wales, Victoria).

ACSMITHIA (Cunoniac.).

- collina R.D. Hoogland in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 9(4): 396 (1987 publ. 1988)—New Caledonia.
- meridionalis R.D. Hoogland in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 9(4): 396 (1987 publ. 1988)—New Caledonia.

ACTAEA (Ranunculac.).

- japonica C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 488 (1784)—Japan.†

ACTEPHILA (Euphorbiac.).

- daii N.N. Thin in *J. Biol. (Vietnam)*, 9(2): 39 (1987)—Vietnam.

ACTINIDIA (Actinidiac.).

- arguta
 var. erythrocarpa S. Ohtani in *Sci. Rep. Yokosuka City Mus.*, 26: 7 (1979)—Japan.
 var. giraldii (Diels) C.F. Liang ex C.W. Chang in *Fl. Tsinglingensis*, 1(3): 294 (1981): A. giraldii.
 guiliensis C.F. Liang in *Guihaia*, 8(2): 129 (1988), without type—China.
 lijiangensis C.F. Liang & Y.X. Lu in *Guihaia*, 9(1): 21 (1989)—China.
 valvata
 var. longipedicellata L.L. Yu in *Guihaia*, 8(2): 132 (1988)—China.

ACTINOCARPUS (Alismatac.).

- damasonium Sweet, *Hort. Suburb. Lond.*: 79 (1818); cf. D.J. Mabberley in *Taxon*, 31(1): 69 (1982)—Locality not stated.

ACTINODAPHNE (Laurac.).

- macgregorii (Merr.) A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 467 (1988): *Litsea macgregorii*.
 monantha (Yang & P.H. Huang) H.P. Tsui in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(4): 4 (1987): *Litsea monantha*.
 sessilifruca C.J. Qi & K.W. Liu in *Guihaia*, 7(3): 215 (1987)—China.

ACTINOSCIRPUS (Ohwi) R.W. Haines & K.A. Lye in *Bot. Notiser*, 124: 481 (1971): *Scirpus* sect. *Actinoscirpus* (Cyperac.).**ADA** (Orchidac.).

- bennettiorum C.H. Dodson in *Ic. Pl. Trop.*, Ser. 2, 1: t. 1 (1989)—Peru.
 escobariana (Garay) C.H. Dodson in *R. Escobar R. (ed.)*, *Native Colombian Orchids*, 1: 24 (1990): *Brassia escobariana*.

×ADACIDIUM hort. in *Orchid Rev.*, 98(1157): centre page pull-out p. 12 (1990). ORCHIDACEAE. (Ada × *Oncidium*).**ADELOBOTRYS** (Melastomatac.).

- ayangannensis J.J. Wurdack in *Brittonia*, 39(2): 159 (1987)—Guyana.

ADENANTHOS (Proteac.).

- ×pamela E.C. Nelson in *Glasra*, 9: 2 (1986)—Australia (W. Australia). (A. detmoldii × obovata).

ADENIA (Passiflorac.).

- lewallei A. Robyns in *Bull. Jard. Bot. Nation. Belg.*, 59(1-2): 227 (1989)—Burundi.

ADENOCARPUS (Legumin.).

- complicatus
 nothosubsp. danielii S. Rivas-Martínez & D. Belmonte in *Opusc. Bot. Pharm. Complutensis*, 5: 74 (1989)—Spain. (A. complicatus subsp. aureus × subsp. complicatus).
 nothosubsp. federici S. Rivas-Martínez & D. Belmonte in *Opusc. Bot. Pharm. Complutensis*, 5: 74 (1989)—Spain. (A. complicatus subsp. anisochilus × subsp. aureus).
 subsp. graecus (Griseb.) S. Rivas-Martínez & D. Belmonte in *Opusc. Bot. Pharm. Complutensis*, 5: 74 (1989): A. graecus.
 decorticans
 subsp. speciosus (Pomel) S. Rivas-Martínez & D. Belmonte in *Opusc. Bot. Pharm. Complutensis*, 5: 72 (1989): A. speciosus.
 hispanicus
 subsp. gredensis S. Rivas-Martínez & D. Belmonte in *Opusc. Bot. Pharm. Complutensis*, 5: 72 (1989)—Spain.
 subsp. neilense S. Rivas-Martínez & D. Belmonte in *Opusc. Bot. Pharm. Complutensis*, 5: 72 (1989)—Spain.
 viscosus
 subsp. spartioides (Webb & Berthelot) S. Rivas-Martínez & D. Belmonte in *Opusc. Bot. Pharm. Complutensis*, 5: 71 (1989): A. viscosus var. spartioides.

ADENOCAULON (Compos.).

- nepalense M. Bittmann in *Candollea*, 45(1): 403 (1990)—Nepal, Sikkim.

ADENOPHORA (Campanulac.).

- amurica C.X. Fu & M.Y. Liu in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 159 (1986)—China.
 biformifolia Y.Z. Zhao in *Acta Sci. Nat. Univ. Intramongolicae*, 11(1): 57 (1980)—China.
 borealis
 var. oreophila Y.Z. Zhao in *Acta Sci. Nat. Univ. Intramongolicae*, 11(1): 57 (1980)—China.
 changaica I.A. Gubanov & R.V. Kamelin in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(5): 111 (1988)—Mongolia.
 contracta (Kitag.) J.Z. Qiu & D.Y. Hong in *Acta Phytotax. Sin.*, 28(5): 399 (1990): A. polyantha var. contracta.
 gmelinii
 var. coronopifolia (Fisch.) Y.Z. Zhao in *Acta Sci. Nat. Univ. Intramongolicae*, 11(1): 59 (1980): A. coronopifolia.
 var. pachyphylla (Kitag.) Y.Z. Zhao in *Acta Sci. Nat. Univ. Intramongolicae*, 11(1): 59 (1980): A. pachyphylla.
 paniculata
 var. dentata Y.Z. Zhao in *Acta Sci. Nat. Univ. Intramongolicae*, 11(1): 58 (1980)—China.
 var. petiolata Y.Z. Zhao in *Acta Sci. Nat. Univ. Intramongolicae*, 11(1): 58 (1980)—China.
 pereskifolia
 var. alternifolia Fuh ex Y.Z. Zhao in *Acta Sci. Nat. Univ. Intramongolicae*, 11(1): 57 (1980)—China.
 subsp. alternifolia (Fuh ex Y.Z. Zhao) C.X. Fu & M.Y. Liu in *Acta Phytotax. Sin.*, 25(3): 186 (1987): A. pereskifolia var. alternifolia.
 stenanthina
 var. angustilanceifolia Y.Z. Zhao in *Acta Sci. Nat. Univ. Intramongolicae*, 11(1): 58 (1980), as 'angusti-lanceifolia'—China.
 var. collina (Kitag.) Y.Z. Zhao in *Acta Sci. Nat. Univ. Intramongolicae*, 11(1): 59 (1980): A. collina.
 var. crispata (Korsh.) Y.Z. Zhao in *Acta Sci. Nat. Univ. Intramongolicae*, 11(1): 59 (1980), basionym not validly publ.: A. marsupiflora × denticulata f. crispata.
 wawreana
 var. lanceifolia Y.Z. Zhao in *Acta Sci. Nat. Univ. Intramongolicae*, 11(1): 57 (1980)—China.

ADENOPHYLLUM (Compos.).

- anomalum (Canby & Rose) J.L. Strother in *Sida*, 11(4): 376 (1986): *Hymenatherum anomalum*.
 appendiculatum (Lagasca) J.L. Strother in *Sida*, 11(4): 376 (1986): *Dyssodia appendiculata*.
 aurantium (L.) J.L. Strother in *Sida*, 11(4): 376 (1986): *Aster aurantium*.
 cooperi (A. Gray) J.L. Strother in *Sida*, 11(4): 376 (1986): *Dyssodia cooperi*.
 glandulosum (Cav.) J.L. Strother in *Sida*, 11(4): 377 (1986): *Willdenowia glandulosa*.
 porophylloides (A. Gray) J.L. Strother in *Sida*, 11(4): 377 (1986): *Dyssodia porophylloides*.
 porophyllum
 var. cancellatum (Cass.) J.L. Strother in *Sida*, 11(4): 377 (1986): *Lebetina cancellata*.
 var. radiatum (DC.) J.L. Strother in *Sida*, 11(4): 377 (1986): *Dyssodia porophylla* var. radiata.
 speciosum (A. Gray) J.L. Strother in *Sida*, 11(4): 378 (1986): *Dyssodia speciosa*.
 squamosum (A. Gray) J.L. Strother in *Sida*, 11(4): 378 (1986): *Dyssodia squamosa*.
 wrightii
 var. pulcherrimum (Strother) J.L. Strother in *Sida*, 11(4): 377 (1986): *Dyssodia neomexicana* var. pulcherrima.

ADENOPODIA (Legumin.).

- floribunda (Kleinhoonte) J.P.M. Brenan in *Kew Bull.*, 41(1): 83 (1986): *Piptadenia floribunda*.
 gymnantha J.P.M. Brenan in *Kew Bull.*, 41(1): 87 (1986)—Mexico.
 minutiflora (Ducke) J.P.M. Brenan in *Kew Bull.*, 41(1): 84 (1986): *Piptadenia minutiflora*.
 oaxacana M. Sousa in *Kew Bull.*, 41(1): 85 (1986)—Mexico.
 patens (Hook. & Arn.) J. Dixon ex J.P.M. Brenan in *Kew Bull.*, 41(1): 80 (1986): *Inga patens*.
 rotundifolia (Harms) J.P.M. Brenan in *Kew Bull.*, 41(1): 79 (1986): *Entada rotundifolia*.

ADENOPODIA :-

- sclerata (A. Chev.) J.P.M. Brenan in *Kew Bull.*, 41(1): 76 (1986): *Entada sclerata*.
 schlechteri (Harms) J.P.M. Brenan in *Kew Bull.*, 41(1): 78 (1986): *Piptadenia schlechteri*.
 uaupensis (Spruce ex Benth.) J.P.M. Brenan in *Kew Bull.*, 41(1): 82 (1986): *Piptadenia uaupensis*.

ADENOROPIUM (Euphorbiac.).

- opiferum (Mart.) Mart., *Consp. Reg. Veg.*: 54 (1835); cf. D.J. Mabberley in *Taxon*, 30(1): 14 (1981): Basionym not stated.

ADESMIA (Legumin.).

- confusa E.A. Ulibarri in *Darwiniana*, 27(1-4): 371 (1986), nom. nov.: A. arborea Bertero ex Clos.
 dessaueri (Reiche) E.A. Ulibarri in *Darwiniana*, 27(1-4): 335 (1986): *Patagonium dessaueri*.
 mendozana E.A. Ulibarri in *Darwiniana*, 27(1-4): 354 (1986)—Argentina.
 pumahuasiana E.A. Ulibarri in *Darwiniana*, 27(1-4): 380 (1986)—Argentina, Bolivia.
 renjifoana (Reiche) E.A. Ulibarri in *Darwiniana*, 27(1-4): 365 (1986): *Patagonium renjifoanum*.
 volckmannii R.A. Philippi in *An. Univ. Chile*, 21: 444 (1862)—Chile.†

ADINANDBRA (Theac.).

- grandifolia Nguyen Huu Hien & G.P. Yakovlev in *Bot. Zhurn.*, 71(8): 1119 (1986)—Vietnam.
 lienii Nguyen Huu Hien & G.P. Yakovlev in *Bot. Zhurn.*, 71(8): 1118 (1986)—Vietnam.
 millettii
 var. dalatensis Nguyen Huu Hien & G.P. Yakovlev in *Bot. Zhurn.*, 71(8): 1119 (1986)—Vietnam.

ADIPE (Orchidac.).

- aureofulva (Hook.) M. Wolff in *Orchidee*, 41(2): 36 (1990): *Maxillaria aureo-fulva*.
 charlesworthii (Rolfe) M. Wolff in *Orchidee*, 41(2): 36 (1990): *Bifrenaria charlesworthii*.
 clavigera (Rchb. f.) M. Wolff in *Orchidee*, 41(2): 36 (1990): *Bifrenaria clavigera*.
 leucorhoda (Rchb. f.) M. Wolff in *Orchidee*, 41(2): 36 (1990): *Bifrenaria leucorhoda*.
 var. macaheensis (Brade) M. Wolff in *Orchidee*, 41(2): 36 (1990): *Bifrenaria leucorhoda* var. macaheensis.
 longicornis (Lindl.) M. Wolff in *Orchidee*, 41(2): 36 (1990): *Bifrenaria longicornis*.
 melanopoda (Kl.) M. Wolff in *Orchidee*, 41(2): 37 (1990): *Bifrenaria melanopoda*.
 villosula (Brade) M. Wolff in *Orchidee*, 41(2): 37 (1990): *Bifrenaria villosula*.
 vitellina (Lindl.) M. Wolff in *Orchidee*, 41(2): 37 (1990): *Maxillaria vitellina*.
 wendlandiana (Kränzl.) M. Wolff in *Orchidee*, 41(2): 37 (1990): *Stenocoryne wendlandiana*.

ADONIS (Ranunculac.).

- multiflora T. Nishikawa & K. Ito in *J. Jap. Bot.*, 64(2): 51 (1989)—Japan, Korea.

ADOXA (Adoxac.).

- ser. Inodorae O.A. Nepomnyashchaya in *Bot. Zhurn.*, 72(1): 89 (1987).
 ser. Omeiensis O.A. Nepomnyashchaya in *Bot. Zhurn.*, 72(1): 90 (1987).
 ser. Orientales O.A. Nepomnyashchaya in *Bot. Zhurn.*, 72(1): 89 (1987).
 sect. Orientales (Nepomn.) S.Y. Li & Z.H. Ning in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(4): 98 (1987): A. ser. Orientales.
 subgen. Tetradoxa (C.Y. Wu) S.Y. Li & Z.H. Ning in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(4): 96 (1987): gen. *Tetradoxa*.
 inodora (Falc. ex C.B. Clarke) O.A. Nepomnyashchaya in *Bot. Zhurn.*, 72(1): 89 (1987): A. moschatellina var. inodora.
 moschatellina
 var. insularis (Nepomn.) S.Y. Li & Z.H. Ning in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(4): 100 (1987): A. insularis.

AECHMEA (Bromeliac.).

- alegrensis W. Weber in *Feddes Repert.*, 97(3-4): 110 (1986)—Brazil.

AECHEMEA :-

- bocainensis *E. Pereira* & *E.M.C. Leme* in *Rev. Brasil. Biol.*, 45(4): 634 (1985 publ. 1986)—Brazil.
- carvalhoi *E. Pereira* & *E.M.C. Leme* in *Bradea*, 4(34): 267 (1986)—Brazil.
- chantinii
f. *amazonica* (*Ule*) *H.E. Luther* in *Selbyana*, 10(1): 56 (1987 publ. 1988): *Aechmea amazonica*.
- var. *fuchsii* *H.E. Luther* in *Selbyana*, 10(1): 56 (1987 publ. 1988)—Ecuador.
- cucullata *H.E. Luther* in *Selbyana*, 10(1): 56 (1987 publ. 1988)—Ecuador, Colombia.
- discordiae *E.M.C. Leme* in *Bradea*, 4(33): 255 (1986)—Brazil.
- emmerichiae *E.M.C. Leme* in *Bradea*, 4(39): 309 (1987), as 'emmerichii'—Brazil.
- entringeri *E.M.C. Leme* in *Bradea*, 4(39): 310 (1987)—Brazil.
- esseri *Gross* & *W. Rauh* in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 58: 53 (1986)—Paraguay.
- fosteriana
subsp. *rupicola* *E.M.C. Leme* in *Bradea*, 4(50): 392 (1987)—Brazil.
- grazielae *G. Martinelli* & *E.M.C. Leme* in *Bradea*, 4(43): 345 (1987)—Brazil.
- guarapariensis *E. Pereira* & *E.M.C. Leme* in *Brasil Florest.*, 13(59): 40 (1984)—Brazil.
- hellae *W. Weber* in *Feddes Repert.*, 97(3-4): 111 (1986)—Brazil.
- marauensis *E.M.C. Leme* in *J. Bromeliad Soc.*, 36(6): 266 (1986)—Brazil.
- orlandiana
subsp. *belloi* *E. Pereira* & *E.M.C. Leme* in *Bradea*, 4(34): 266 (1986)—Brazil.
- pedicellata *E.M.C. Leme* & *H.E. Luther* in *J. Bromeliad Soc.*, 38(4): 150 (1988)—Brazil.
- pseudonudicaulis *E.M.C. Leme* in *Bradea*, 4(50): 394 (1987)—Brazil.
- seideliana *W. Weber* in *Feddes Repert.*, 97(3-4): 113 (1986)—Brazil.
- sergipana *E. Pereira* & *E.M.C. Leme* in *Bradea*, 4(34): 268 (1987)—Brazil.
- tuitensis *P. Magaña* & *E.J. Lott* in *Phytologia*, 59(4): 221 (1986)—Mexico.
- weilbachii
f. *leodiensis* (*André*) *E. Pereira* & *E.M.C. Leme* in *J. Bromeliad Soc.*, 37(3): 124 (1987): *A. weilbachii* var. *leodiensis*.
- f. *viridisepala* *E. Pereira* & *E.M.C. Leme* in *J. Bromeliad Soc.*, 37(3): 124 (1987)—Brazil.

AEGILOPS (Gramin.).

- cylindrica
var. *kastorianum* *S.S. Karataglis* in *Pl. Syst. Evol.*, 163(1-2): 19 (1989)—Greece.
- neglecta
subsp. *contracta* (*Eig*) *H. Scholz* in *Willdenowia*, 19(1): 105 (1989): *A. triaristata* subsp. *contracta*.
- umbellulata
var. *tuluni* *P.A. Gandilyan* & *M.G. Arutyunyan* in *Biol. Zhurn. Arm.*, 40(6): 477 (1987)—U.S.S.R. (Caucasus).

AEGONYCHON (Boraginac.).

- thessalicum (*Aldén*) *J. Holub* in *Preslia*, 58(4): 301 (1986): *Lithospermum goulandrionum* subsp. *thessalicum*.

AEGOPOGON (Gramin.).

- solisii *G.A. Levin* in *Levin* & *Moran*, *Vasc. Fl. Isla Socorro, Mexico (Mem. San Diego Soc. Nat. Hist. 16)*: 61 (1989)—Revilla Gigedo Is.

AEOLLANTHUS (Labiata.).

- sect. *Cucullilabium* *O. Ryding* in *Symb. Bot. Upsal.*, 26(1): 139 (1986).
- sect. *Cyathobasis* *O. Ryding* in *Symb. Bot. Upsal.*, 26(1): 60 (1986).
- sect. *Maculobractea* *O. Ryding* in *Symb. Bot. Upsal.*, 26(1): 103 (1986).
- sect. *Ovatodiscus* *O. Ryding* in *Symb. Bot. Upsal.*, 26(1): 108 (1986).
- sect. *Rotundobasis* *O. Ryding* in *Symb. Bot. Upsal.*, 26(1): 122 (1986).
- alternatus *O. Ryding* in *Symb. Bot. Upsal.*, 26(1): 102 (1986)—Zambia.

AEOLLANTHUS :-

- angolensis *O. Ryding* in *Symb. Bot. Upsal.*, 26(1): 132 (1986)—Angola.
- densiflorus *O. Ryding* in *Symb. Bot. Upsal.*, 26(1): 137 (1986)—Ethiopia, Sudan, Uganda, Kenya, Tanzania.
- lisowskii *O. Ryding* in *Symb. Bot. Upsal.*, 26(1): 101 (1986)—Zaire.
- petiolatus *O. Ryding* in *Symb. Bot. Upsal.*, 26(1): 129 (1986)—Zambia.
- plicatus *O. Ryding* in *Symb. Bot. Upsal.*, 26(1): 134 (1986)—Angola.
- subacaulis
var. *ericoides* (*De Wild.*) *O. Ryding* in *Symb. Bot. Upsal.*, 26(1): 100 (1986): *A. ericoides*.
- var. *linearis* (*Burk.*) *O. Ryding* in *Symb. Bot. Upsal.*, 26(1): 98 (1986): *Icomum linearis*.
- subintegrum *O. Ryding* in *Symb. Bot. Upsal.*, 26(1): 104 (1986)—Zaire, Zambia, Angola, Tanzania.
- trifidus *O. Ryding* in *Symb. Bot. Upsal.*, 26(1): 136 (1986)—Cameroun, Nigeria.
- viscosus *O. Ryding* in *Symb. Bot. Upsal.*, 26(1): 132 (1986)—Zimbabwe, Mozambique.

AEONIUM (Crassulac.).

- ser. *Chrysocome* *H.Y. Liu*, *Syst. Aeonium (Crassulac.) (NMNS, Taiwan, Special Publ. 3)*: 47 (1989).
- ser. *Patinaria* *H.Y. Liu*, *Syst. Aeonium (Crassulac.) (NMNS, Taiwan, Special Publ. 3)*: 54 (1989).
- sect. *Petrothamnium* (*Webb ex Christ*) *H.Y. Liu*, *Syst. Aeonium (Crassulac.) (NMNS, Taiwan, Special Publ. 3)*: 39 (1989): *Greenovia* sect. *Petrothamnium*.
- ser. *Praegeri* *H.Y. Liu*, *Syst. Aeonium (Crassulac.) (NMNS, Taiwan, Special Publ. 3)*: 53 (1989).
- ser. *Simisii* *H.Y. Liu*, *Syst. Aeonium (Crassulac.) (NMNS, Taiwan, Special Publ. 3)*: 46 (1989).
- arboresum
var. *holochrysum* *H.Y. Liu*, *Syst. Aeonium (Crassulac.) (NMNS, Taiwan, Special Publ. 3)*: 67 (1989), nom. nov.: *Sempervivum urbicum Lindley*.
- var. *rubrolineatum* (*Svent.*) *H.Y. Liu*, *Syst. Aeonium (Crassulac.) (NMNS, Taiwan, Special Publ. 3)*: 68 (1989): *A. rubrolineatum*.
- × *beltranii* *A. Bañares Baudet* in *Vieraea*, 16(1-2): 69 (1986)—Canary Is. (*A. decorum* × *subplanum*).
- canariense
var. *palmense* (*Webb ex Christ*) *H.Y. Liu*, *Syst. Aeonium (Crassulac.) (NMNS, Taiwan, Special Publ. 3)*: 57 (1989): *A. palmense*.
- var. *subplanum* (*Praeger*) *H.Y. Liu*, *Syst. Aeonium (Crassulac.) (NMNS, Taiwan, Special Publ. 3)*: 59 (1989): *A. subplanum*.
- var. *virgineum* (*Webb ex Christ*) *H.Y. Liu*, *Syst. Aeonium (Crassulac.) (NMNS, Taiwan, Special Publ. 3)*: 60 (1989): *A. virgineum*.
- × *castellodecorum* *A. Bañares Baudet* in *Vieraea*, 16(1-2): 64 (1986)—Canary Is. (*A. castello-paivae* × *decorum*).
- × *cilifolium* *A. Bañares Baudet* in *Vieraea*, 16(1-2): 59 (1986)—Canary Is. (*A. ciliatum* × *sedifolium*).
- davidbramwellii* *H.Y. Liu*, *Syst. Aeonium (Crassulac.) (NMNS, Taiwan, Special Publ. 3)*: 88 (1989)—Canary Is.
- × *holospathulatum* *A. Bañares Baudet* in *Vieraea*, 16(1-2): 66 (1986)—Canary Is. (*A. holochrysum* × *spathulatum* var. *spathulatum*).
- korneliuslesmsii* *H.Y. Liu*, *Syst. Aeonium (Crassulac.) (NMNS, Taiwan, Special Publ. 3)*: 63 (1989)—Morocco.
- lindleyi*
var. *viscatum* (*Bolle*) *H.Y. Liu*, *Syst. Aeonium (Crassulac.) (NMNS, Taiwan, Special Publ. 3)*: 41 (1989): *A. viscatum*.
- × *nogalesii* *A. Bañares Baudet* in *Vieraea*, 16(1-2): 61 (1986)—Canary Is. (*A. palmensis* × *sedifolium*).
- × *sanchezii* *A. Bañares Baudet* in *Vieraea*, 16(1-2): 66 (1986)—Canary Is. (*A. rubrolineatum* × *spathulatum* var. *spathulatum*).
- stuessyi* *H.Y. Liu*, *Syst. Aeonium (Crassulac.) (NMNS, Taiwan, Special Publ. 3)*: 77 (1989)—Tanzania, Ethiopia, Kenya.

AEONIUM :-

- × *velutinum* (*N.E. Br.*) *H.Y. Liu*, *Syst. Aeonium (Crassulac.) (NMNS, Taiwan, Special Publ. 3)*: 96 (1989): *Sempervivum velutinum*.
- × *wildpretii* *A. Bañares Baudet* in *Vieraea*, 16(1-2): 61 (1986)—Canary Is. (*A. palmensis* × *vestitum*).

AERANGIS (Orchidac.).

- subgen. *Uniflorae* *K. Senghas* in *Schlechter Orchideen*, 1(16-18): 1051 (1986).
- distincta* *J. Stewart* & *I.F. la Croix* in *Kew Bull.*, 42(1): 217 (1987)—Malawi.
- ellisii*
var. *grandiflora* *J. Stewart* in *Amer. Orchid Soc. Bull.*, 55(8): 799 (1986)—Madagascar.
- gracillima* (*Kränzlin*) *J.C. Arends* & *J. Stewart* in *Lindleyana*, 4(1): 24 (1989): *Angraecum gracillimum*.
- punctata* *J. Stewart* in *Amer. Orchid Soc. Bull.*, 55(11): 1120 (1986)—Madagascar.
- splendida* *J. Stewart* & *I.F. la Croix* in *Kew Bull.*, 42(1): 215 (1987)—Malawi, Zambia.

AERANTHES (Orchidac.).

- subgen. *Denticulatae* *K. Senghas* in *Orchidee*, 38(1): 4 (1987).
- erectiflora* *K. Senghas* in *Orchidee*, 38(1): 7 (1987)—Madagascar.
- parkesii* *G. Williamson* in *Kirkia*, 13(2): 250 (1990)—Zimbabwe.
- robusta* *K. Senghas* in *Orchidee*, 38(1): 5 (1987)—Madagascar.
- tenella*
var. *borbonica* *J. Bosser* in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 11(1): 36 (1989)—Réunion.

AERIDES (Orchidac.).

- affine* *Wallich* ex *J. Lindley*, *Gen. & Sp. Orch.*: 239 (1833)—India.†
- multiflora*
var. *dactyloides* *Mokter Ahmed, M. Moyeen, M.K. Pasha* & *M.A. Aziz Khan* in *Bangladesh J. Bot.*, 18(2): 152 (1989)—Bangladesh.

AERISILVAEA *A. Radcliffe-Smith* in *Kew Bull.*, 45(1): 149 (1990). **EUPHORBIACEAE.**

- sylvestris* *A. Radcliffe-Smith* in *Kew Bull.*, 45(1): 151 (1990)—Tanzania.

AERVA (Amaranthac.).

- tandalo* *F. Buchanan-Hamilton* ex *L.W. Dillwyn*, *Rev. Hortus Malab.*: 51 (1839); *fidé D.J. Mabberley* in *Taxon*, 26(5-6): 533 (1977)—India.

AESANDRA (Sapotac.).

- butyracea*
var. *andamanensis* (*Nep Royen*) *H.B. Naithani*, *Flow. Pl. India, Nepal & Bhutan*: 277 (1990): *Diploknema butyracea* var. *andamanensis*.
- butyraceoides* (*Schott*) *H.B. Naithani*, *Flow. Pl. India, Nepal & Bhutan*: 277 (1990): *Bassia butyraceoides*.

AESCHYNANTHUS (Gesneriac.).

- austroyunnanensis*
var. *guangxiensis* (*Chun ex W.T. Wang* & *K.Y. Pan*) *W.T. Wang* in *Fl. Reipubl. Popul. Sin.*, 69: 513 (1990): *A. guangxiensis*.
- linearifolius*
var. *oblanceolatus* (*Anthony*) *W.T. Wang* in *Fl. Reipubl. Popul. Sin.*, 69: 508 (1990): *A. peeli* var. *oblanceolata*.

AESCHYNOMENE (Legumin.).

- lyonnetii* *V.E. Rudd* in *Acta Bot. Mex.*, 8: 31 (1989)—Mexico.

AESCLUSUS (Hippocastanac.).

- carnea* *Zeyher*, *Verz. Saemm. Gewaech. Schwesingen*: 12 (1818); *cf. D.J. Mabberley* in *Taxon*, 33(3): 440 (1984)—Locality not stated.
- chuniana* *Hu* & *Fang* in *Act. Sc. Nat. Univ. Szech.*, 1960(3): 101, t. 11 (1962); *cf. W.P. Fang* in *Fl. Reipubl. Popul. Sin.*, 46: 284 (1981)—China.†
- lantsangensis* *Hu* & *Fang* in *Act. Sc. Nat. Univ. Szech.*, 1960(3): 87, t. 3 (1962); *cf. W.P. Fang* in *Fl. Reipubl. Popul. Sin.*, 46: 279 (1981)—China.†

AESCULUS :-

- megaphylla *Hu & Fang in Act. Sc. Nat. Univ. Szech.*, 1960(3): 104, t. 12 (1962); cf. *W.P. Fang in Fl. Reipubl. Popul. Sin.*, 46: 287 (1981)—China.†
 polyneura *Hu & Fang in Act. Sc. Nat. Univ. Szech.*, 1960(3): 89, t. 4 (1962); cf. *W.P. Fang in Fl. Reipubl. Popul. Sin.*, 46: 277 (1981)—China.†
 var. dongchuanensis *X.W. Li & W.Y. Yin in Bull. Bot. Res. North-East. Forest. Inst.*, 10(1): 53 (1990)—China.
 tsiangii *Hu & Fang in Act. Sc. Nat. Univ. Szech.*, 1960(3): 93, t. 6, 7 (1962); cf. *W.P. Fang in Fl. Reipubl. Popul. Sin.*, 46: 279 (1981)—China.†

AETANTHUS (Loranthac.).

- dichotomus (*Ruiz & Pavón*) *J. Kuijt in Fl. Ecuador*, 24(32C): 167 (1986): Loranthus dichotomus.
 macranthus (*Hook.*) *J. Kuijt in Fl. Ecuador*, 24(32C): 169 (1986): Loranthus macranthus.

AETHIOCARPA *K. Vollesen in Kew Bull.*, 41(4): 959 (1986). **STERCULIACEAE**.

- lepidota *K. Vollesen in Kew Bull.*, 41(4): 959 (1986)—Somali Republic.

AETHIONEMA (Crucif.).

- cordatum
 subsp. pichleri (*Boiss.*) *P. Hartvig & A. Strid in Bot. Jahrb.*, 108(2-3): 314 (1987), without basionym ref.: *A. cordatum* var. *pichleri*.
 demirizii *P.H. Davis & Hedge in Fl. Turkey & E. Aegean Is.*, 10: 232, 36 (1988)—Turkey.
 huber-morathii *P.H. Davis & Hedge in Fl. Turkey & E. Aegean Is.*, 10: 232, 38 (1988)—Turkey.
 marashicum *P.H. Davis in Fl. Turkey & E. Aegean Is.*, 10: 232, 38 (1988)—Turkey.
 munzurense *P.H. Davis & Yıldırımli in Fl. Turkey & E. Aegean Is.*, 10: 232, 36 (1988)—Turkey.
 papillosum *P.H. Davis in Fl. Turkey & E. Aegean Is.*, 10: 233, 37 (1988)—Turkey.
 speciosum
 subsp. compactum *P. Hartvig & A. Strid in Bot. Jahrb.*, 108(2-3): 314 (1987)—Turkey.

AETHYOPYS (Benth.) *F.M. Opiz, Seznam*: 11 (1852): *Salvia* sect. *Aethyopys* (Labiata.).**AFGEKIA** (Legumin.).

- filipes (*Dunn*) *R. Geesink, Scala Millettiarum (Leiden Bot. Ser., 8)*: 77 (1984): *Adinobotrys filipes*.

AFROCARPUS (Buchh. & E. Gray) *C.N. Page in Notes Roy. Bot. Gard. Edinburgh*, 45(2): 383 (1988 publ. 1989): *Podocarpus* sect. *Afrocarpus* (Podocarpaceae).

- dawei (*Stapf*) *C.N. Page in Notes Roy. Bot. Gard. Edinburgh*, 45(2): 384 (1988 publ. 1989): *Podocarpus dawei*.
 falcata (*Thunb.*) *C.N. Page in Notes Roy. Bot. Gard. Edinburgh*, 45(2): 383 (1988 publ. 1989): *Taxus falcata*.
 gausseui (*Woltz*) *C.N. Page in Notes Roy. Bot. Gard. Edinburgh*, 45(2): 384 (1988 publ. 1989): *Podocarpus gausseui*.
 gracilior (*Pilger*) *C.N. Page in Notes Roy. Bot. Gard. Edinburgh*, 45(2): 383 (1988 publ. 1989): *Podocarpus gracilior*.
 mannii (*Hook. f.*) *C.N. Page in Notes Roy. Bot. Gard. Edinburgh*, 45(2): 384 (1988 publ. 1989): *Podocarpus mannii*.
 usambarensis (*Pilger*) *C.N. Page in Notes Roy. Bot. Gard. Edinburgh*, 45(2): 384 (1988 publ. 1989): *Podocarpus usambarensis*.

AFROTHISMIA (Burmanniaceae).

- insignis *E.J. Cowley in Fl. Trop. E. Afr., Burmanniaceae*: 7 (1988)—Tanzania.
 winkleri
 var. budongensis *E.J. Cowley in Fl. Trop. E. Afr., Burmanniaceae*: 7 (1988)—Uganda.

AFROTYSONIA (Boraginac.).

- glochidiata (*R. Mill*) *R.R. Mill in Notes Roy. Bot. Gard. Edinburgh*, 43(3): 470 (1986): *Tysonia glochidiata*.
 pilosicaulis *R.R. Mill in Notes Roy. Bot. Gard. Edinburgh*, 43(3): 472 (1986)—Tanzania.

AGALINIS (Scrophulariac.).

- bandeirensis *K. Barringer in Brittonia*, 39(3): 353 (1987)—Brazil.
 bangii (*Kuntze*) *K. Barringer in Brittonia*, 39(3): 353 (1987): *Gerardia bangii*.
 digitalis (*Benth.*) *K. Barringer in Brittonia*, 39(3): 355 (1987): *Gerardia digitalis*.
 gypsophila *B.L. Turner in Phytologia*, 59(5): 319 (1986)—Mexico.
 linarioides
 subsp. rojasii *K. Barringer in Brittonia*, 39(3): 357 (1987)—Paraguay.
 meyeniana (*Benth.*) *K. Barringer in Brittonia*, 39(3): 355 (1987): *Gerardia rigida* β *meyeniana*.
 ramulifera *K. Barringer in Brittonia*, 39(3): 355 (1987)—Brazil.

AGANOSMA (Apocynac.).

- kwangsiensis
 var. longilobata *Y. Wan ex C.Z. Gao in Guihaia*, 10(3): 180 (1990)—China.

AGAPANTHUS (Alliac.).

- globosus *Bull. Cat. 1899*: 3 (1899); cf. *D.J. Mabberley in Taxon*, 34(3): 456 (1985)—Locality not stated.
 insignis *Bull. Cat.*, 377: ii (tab.), 1 (1904); cf. *D.J. Mabberley in Taxon*, 34(3): 456 (1985)—Locality not stated.

AGAPETES (Ericac.).

- camellifolia *S.H. Huang in Acta Phytotax. Sin.*, 25(4): 318 (1987)—Xizang.
 ciliata *S.H. Huang in Acta Phytotax. Sin.*, 25(4): 314 (1987)—Xizang.
 leiocarpa *S.H. Huang in Acta Phytotax. Sin.*, 25(4): 317 (1987)—Xizang.
 leucocarpa *S.H. Huang in Acta Phytotax. Sin.*, 25(4): 317 (1987)—Xizang.
 medogensis *S.H. Huang in Acta Phytotax. Sin.*, 25(4): 315 (1987)—Xizang.
 rugosus (*Hook. f.*) *K. Haridasan & R.R. Rao, Forest Fl. Meghalaya*, 2: 542 (1987): *Pentapterygium rugosum*.
 subansirica *G.D. Pal & K. Thothathri in Bull. Bot. Surv. India*, 26(3-4): 239 (1984 publ. 1986)—India.
 xizangensis *S.H. Huang in Acta Phytotax. Sin.*, 25(4): 315 (1987)—Xizang.

AGARISTA (Ericac.).

- villarrealana *L.M. González V. in Acta Bot. Mex.*, 5: 13 (1989)—Mexico.

AGASTACHE (Labiata.).

- ser. Brittonastrum (*Briquet*) *R.W. Sanders, Taxon. Agastache sect. Brittonastrum (Lamiac.-Nepeteae) (Syst. Bot. Monog., 15)*: 30 (1987): gen. *Brittonastrum*.
 ser. Canae *R.W. Sanders, Taxon. Agastache sect. Brittonastrum (Lamiac.-Nepeteae) (Syst. Bot. Monog., 15)*: 68 (1987).
 ser. Mearnsianae *R.W. Sanders, Taxon. Agastache sect. Brittonastrum (Lamiac.-Nepeteae) (Syst. Bot. Monog., 15)*: 47 (1987).
 ser. Micranthae *R.W. Sanders, Taxon. Agastache sect. Brittonastrum (Lamiac.-Nepeteae) (Syst. Bot. Monog., 15)*: 78 (1987).
 ser. Pallidae *R.W. Sanders, Taxon. Agastache sect. Brittonastrum (Lamiac.-Nepeteae) (Syst. Bot. Monog., 15)*: 41 (1987).
 mexicana
 subsp. xolocotziana *R. Bye, E. Linares & T.P. Ramamoorthy in Phytologia*, 62(3): 157 (1987)—Mexico.

AGATHIS (Araucariac.).

- sect. *Rostrata* *D.J. de Laubenfels in Fl. Males.*, 10(3): 439 (1988).
 macrophylla
 var. obtusa (*Lindley*) *J. Silba in Phytologia*, 68(1): 23 (1990): *Dammara obtusa*.
 silbae *D.J. De Laubenfels in Phytologia*, 61(7): 448 (1987), as 'silbai'—Vanuatu.
 spatulata *D.J. de Laubenfels in Fl. Males.*, 10(3): 435 (1988)—New Guinea (Papua New Guinea).

AGATHISANTHEMUM (Rubiaceae).

- bojeri
 subsp. angolense (*Bremek.*) *B. Verdcourt in Fl. Zambes.*, 5(1): 110 (1989): *A. angolense*.
 var. linearifolia *B. Verdcourt in Fl. Zambes.*, 5(1): 110 (1989)—Zambia.

AGATHYSRUS (Compos.).

- acuminatus (*Willd.*) *Sweet, Hort. Brit., ed. 2*: 277 (1830); cf. *D.J. Mabberley in Taxon*, 30(1): 14 (1981): *Basionym* not stated.
 macrophyllum (*Willd.*) *Sweet, Hort. Brit., ed. 2*: 277 (1830); cf. *D.J. Mabberley in Taxon*, 30(1): 14 (1981): *Basionym* not stated.
 sonchifolius (*Willd.*) *Sweet, Hort. Brit., ed. 2*: 277 (1830); cf. *D.J. Mabberley in Taxon*, 31(1): 69 (1982): *Basionym* not stated.

AGAVE (Agavac.).

- cantala (*Haw.*) *Roxb. ex Salm-Dyck, Index Pl. Succ. Hort. Dyck.*: 1 (1822); cf. *D.J. Mabberley in Taxon*, 30(1): 14 (1981): *Basionym* not stated.
 grijalvensis *B. Ulbrich in Kakt. And. Sukk.*, 41(6): 108 (1990)—Mexico.
 madagascariensis (*Haw.*) *Salm-Dyck, Index Pl. Succ. Hort. Dyck.*: 1 (1822); cf. *D.J. Mabberley in Taxon*, 30(1): 14 (1981): *Basionym* not stated.
 papyriocarpa
 subsp. macrocarpa *A. Alvarez de Zayas in Rev. Jard. Bot. Nacion. Univ. Habana*, 5(3): 7 (1984 publ. 1985)—Cuba.
 scabra *C. Gomez Ortega, Nov. Pl. Descr. Dec.*: 13 (1797)—Mexico.
 striata
 subsp. stricta (*Salm-Dyck*) *B. Ulbrich in Kakt. And. Sukk.*, 41(5): centre page pull-out p. 89 (1990): *A. stricta*.
 tubulata
 subsp. brevītuba *A. Alvarez de Zayas in Rev. Jard. Bot. Nacion. Univ. Habana*, 5(3): 7 (1984 publ. 1985)—Cuba.

AGELAEA (Connarac.).

- sect. *Troostwykia* (*Miq.*) *C.C.H. Jongkind in Agric. Univ. Wageningen Pap.*, 89(6): 138, 137 (1989): gen. *Troostwykia*.
 paradoxa
 var. microcarpa *C.C.H. Jongkind in Agric. Univ. Wageningen Pap.*, 89(6): 142 (1989)—Ivory Coast, Guinea, Sierra Leone, Liberia, Ghana, Nigeria, Cameroun, Central African Republic, Gabon, Congo-Brazzaville, Zaïre.

AGERATINA (Compos.).

- alexanderi *R.M. King & H. Robinson in Phytologia*, 69(2): 62 (1990)—Costa Rica.
 aromatica
 var. incisā (*A. Gray*) *C.F. Reed in Phytologia*, 63(5): 412 (1987): *Eupatorium aromaticum* var. *incisum*.
 asclepiadea (*Lf.*) *R.M. King & H. Robinson in Phytologia*, 60(1): 80 (1986): *Cacalia asclepiadea*.
 astellera (*B.L. Turner*) *B.L. Turner in Phytologia*, 63(1): 5 (1987): *Eupatorium astellera*.
 barriei *B.L. Turner in Phytologia*, 64(1): 14 (1987)—Mexico.
 beamanii *B.L. Turner in Phytologia*, 64(1): 15 (1987)—Mexico.
 capillipes *R.M. King & H. Robinson in Phytologia*, 69(2): 62 (1990)—Guatemala, Mexico.
 celestini (*Cuatr.*) *R.M. King & H. Robinson in Phytologia*, 65(1): 62 (1988): *Eupatorium celestini*.
 chazarroana *B.L. Turner in Phytologia*, 67(2): 115 (1989)—Mexico.
 chimalapana *B.L. Turner in Phytologia*, 67(5): 400 (1989)—Mexico.
 espinosarum
 var. subintegrifolia (*B.L. Rob.*) *B.L. Turner in Phytologia*, 64(1): 22 (1987): *Eupatorium espinosarum* var. *subintegrifolium*.
 gentryana *B.L. Turner in Phytologia*, 64(1): 16 (1987)—Mexico.
 grandifolia (*Regel*) *R.M. King & H. Robinson in Phytologia*, 60(1): 80 (1986): *Eupatorium grandifolium*.
 grashoffii *B.L. Turner in Phytologia*, 61(2): 77 (1986)—Mexico.

AGERATINA :-

- guatemalensis R.M. King & H. Robinson in *Phytologia*, 69(2): 65 (1990)—Guatemala.
- hernandezii B.L. Turner in *Phytologia*, 64(1): 17 (1987)—Mexico.
- herrerae R.M. King & H. Robinson in *Phytologia*, 69(2): 67 (1990)—Panama.
- hirtella R.M. King & H. Robinson in *Phytologia*, 69(2): 69 (1990)—Costa Rica.
- huchueteca (Standley & Steyer.) R.M. King & H. Robinson in *Phytologia*, 69(2): 61 (1990): Eupatorium huchuetecum.
- macdonaldii B.L. Turner in *Phytologia*, 68(3): 165 (1990)—Mexico.
- mairetiana
var. elucens (McVaugh) B.L. Turner in *Phytologia*, 63(6): 423 (1987): Eupatorium mairetianum f. elucens.
- manantlana B.L. Turner in *Phytologia*, 64(4): 269 (1988)—Mexico.
- moorei B.L. Turner in *Phytologia*, 68(2): 95 (1990)—Mexico.
- motozintlensis R.M. King & H. Robinson in *Phytologia*, 69(2): 71 (1990)—Mexico.
- neohintoniorum B.L. Turner in *Phytologia*, 64(1): 18 (1987)—Mexico.
- oppositifolia (A. Gray) B.L. Turner in *Phytologia*, 63(1): 5 (1987): Bigelovia oppositifolia.
- oreithales (Greenm.) B.L. Turner in *Phytologia*, 64(1): 19 (1987): Eupatorium oreithales.
- parayana (Espinosa) B.L. Turner in *Phytologia*, 64(1): 19 (1987): Eupatorium parayana.
- perezii B.L. Turner in *Phytologia*, 67(2): 116 (1989)—Mexico.
- pichinchensis
var. bustamenta (DC.) R.M. King & H. Robinson in *Phytologia*, 69(2): 61 (1990): Eupatorium bustamenta.
- potosina B.L. Turner in *Phytologia*, 64(1): 20 (1987)—Mexico.
- queretaroana B.L. Turner in *Phytologia*, 64(1): 21 (1987)—Mexico.
- ramireziorum (Espinosa) B.L. Turner in *Phytologia*, 64(1): 22 (1987): Eupatorium ramireziorum.
- riskindii B.L. Turner in *Phytologia*, 63(6): 431 (1987)—Mexico.
- robinsoniana (Greene) B.L. Turner in *Phytologia*, 64(1): 22 (1987): Eupatorium robinsonianum.
- sandersii B.L. Turner in *Phytologia*, 64(1): 23 (1987)—Mexico.
- seleri B.L. Turner in *Phytologia*, 63(1): 4 (1987)—Mexico.
- sousae B.L. Turner in *Phytologia*, 64(1): 23 (1987)—Mexico.
- subcoriacea R.M. King & H. Robinson in *Phytologia*, 69(2): 73 (1990)—Mexico.
- sundbergii B.L. Turner in *Phytologia*, 61(2): 78 (1986)—Mexico.
- thomasi R.M. King & H. Robinson in *Phytologia*, 69(2): 73 (1990)—Mexico.
- triangulata (Alam. ex DC.) B.L. Turner in *Phytologia*, 64(1): 24 (1987): Eupatorium triangulatum.
- valerioi R.M. King & H. Robinson in *Phytologia*, 69(2): 76 (1990)—Costa Rica.
- warnockii B.L. Turner in *Phytologia*, 64(1): 25 (1987)—Mexico.
- yecorana B.L. Turner in *Phytologia*, 63(6): 425 (1987)—Mexico.

AGERATINASTRUM (Compos.).

- lejolyana (Adamska & Lisowski) K. Kalanda in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 384 (1986): Vernonia lejolyana.

AGERATUM (Compos.).

- album Hort. Berol. ex Hornem., Hort. Hafn.: 792 (1815); cf. D.J. Mabberley in *Taxon*, 33(3): 436 (1984)—Locality not stated.
- conyzoides
subsp. houstonianum (Mill.) M. Sharma in *Geobios New Rep.*, 3(2): 152 (1984): A. houstonianum.
- foetens C. Huber in *Revue horticole*, 46: 467 (1874); cf. D.J. Mabberley in *Taxon*, 34(3): 450 (1985)—Locality not stated.
- hondurensis R.M. King & H. Robinson in *Phytologia*, 69(2): 93 (1990)—Honduras.
- molinae R.M. King & H. Robinson in *Phytologia*, 69(2): 95 (1990)—Honduras.

AGERATUM :-

- munaense R.M. King & H. Robinson in *Phytologia*, 69(2): 97 (1990)—Mexico.
- tehuacanum R.M. King & H. Robinson in *Phytologia*, 69(2): 99 (1990)—Mexico.

AGLAIA (Meliac.).

- beddomei (Kosterm.) S.S. Jain & R.C. Gaur in *J. Econ. Taxon. Bot.*, 7(2): 465 (1985 publ. 1986): Amoorra beddomei.
- exstipulata (Griff.) W. Theobald in F. Mason, *Burmah*, ed. 3, 2: 583 (1883); cf. D.J. Mabberley in *Taxon*, 34(1): 154 (1985): Euphoria exstipulata.
- koordersii S.S. Jain & S.S.R. Bennet in *Indian J. Forest.*, 9(3): 271 (1986 publ. 1987), nom. nov.: A. hiernii Koord. & Valet. ex Koord.
- mannii (King ex Brandis) S.S. Jain & R.C. Gaur in *J. Econ. Taxon. Bot.*, 7(2): 466 (1985 publ. 1986): Amoorra mannii.
- spectabilis (Miq.) S.S. Jain & S.S.R. Bennet in *Indian J. Forest.*, 9(3): 271 (1986 publ. 1987): Amoorra spectabilis.

AGLOSSORHYNCHA (Orchidac.).

- bilobula P.J. Kores in *Allertonia*, 5(1): 117 (1989)—Fiji.

AGOSERIS (Compos.).

- aurantiaca
subsp. purpurea (Gray) G.W. Douglas in *Canad. J. Bot.*, 64(11): 2726 (1986): Macrorhynchus purpureus.
- lackschewitzii D.M. Henderson & R.K. Moseley in *Syst. Bot.*, 15(3): 462 (1990)—U.S.A. (Idaho, Montana).

AGRAULUS (Gramin.).

- flavescens (Host) Sweet, *Hort. Brit.*, ed. 2: 556 (1830); cf. D.J. Mabberley in *Taxon*, 31(1): 69 (1982): Basionym not stated.

AGRIMONIA (Rosac.).

- gorovoi S.D. Rummyantsev in *Bot. Zhurn.*, 72(9): 1258 (1987)—U.S.S.R. (Soviet Far East).
- pilosa
subsp. dahurica (Willd. ex Sér.) R.V. Kamelin in *Byull. Mosk. Obsch. Ispyt. Prir.*, Biol., 91(6): 92 (1986): A. dahurica.

AGRIOPHYLLUM (Chenopodiace.).

- montasirii A. El-Gazzar in *Mitt. Bot. Staatssamm. München*, 27: 16 (1988), as 'montasiri'—Saudi Arabia.

×AGROPOGON (Gramin.).

- robinsonii (Druce) Melderis & D. McClintock in D. McClintock, *Suppl. Wild Flow. Guernsey*: 49 (1987), as 'Agropyron': Agrostis × robinsonii.

AGROPYRON (Gramin.).

- ciliare
subsp. amurense (Drobov) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 483 (1987): A. amurense.
- subsp. minor (Miquel) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 483 (1987): Brachypodium japonicum var. minor.
- cristatum
f. calvum (Schur) P. Boža & O. Vasić in *Fl. SR Srbije*, 10: 253 (1986): Creropyrum pectinatum a. calvum.
- f. imbricatum (Roem. & Schult.) A.V. Bukhteeva in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 120: 87 (1988): A. imbricatum.
- var. pectiniforme (Steud.) A.V. Bukhteeva in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 120: 87 (1988): Triticum pectiniforme.
- f. pectiniforme (Roem. & Schult.) A.V. Bukhteeva in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 120: 87 (1988): A. pectiniforme.
- f. villosum (Litv.) A.V. Bukhteeva in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 120: 88 (1988): A. cristatum var. villosum.
- erickssonii (Meld.) G.A. Peshkova in *Fl. Sibir. (Poaceae)*, 2: 38 (1990): A. cristatum var. erickssonii.

AGROPYRON :-

- fragile
var. longe-aristatum A. Ataeva in *Izv. Akad. Nauk Turkm. SSR, Biol. Nauk*, 1987(3): 54 (1987)—U.S.S.R. (Middle Asia).
- gmelinii
subsp. tenuisetum (Ohwi) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 484 (1987): A. turczaninovi var. tenuisetum.
- intermedium (Host) Beauvois, *Ess. Agrostogr.*: 102, 146 (1812): Triticum intermedium.†
- pectinatum
var. gluma-villosa A. Ataeva in *Izv. Akad. Nauk Turkm. SSR, Biol. Nauk*, 1987(3): 54 (1987)—U.S.S.R. (Middle Asia).

×AGROSITANION (Gramin.).

- pinalenoensis G.L. Pyrah in *Great Basin Nat.*, 43(1): 135 (1983)—U.S.A. (Arizona). (Agropyron arizonicum × Sitanon hystrix var. brevifolium).

AGROSTIS (Gramin.).

- subgen. Zingrostis A.T. Romero García, G. Blanca López & C. Morales Torres in *Ruizia*, 7: 135 (1988).
- billardieri
var. collicola D.I. Morris in *Muelleria*, 7(2): 147 (1990)—Tasmania.
- var. tenuiseta D.I. Morris in *Muelleria*, 7(2): 147 (1990)—Tasmania.
- ×bodaibensis G.A. Peshkova in *Fl. Sibir. (Poaceae)*, 2: 106 (1990)—U.S.S.R. (Siberia). (A. sibirica × trinii).
- brevipes Keng ex J.L. Yang in *Fl. Sichuanica*, 5(2): 122 (1988)—China, Xizang.
- calderoniae S. Acosta Castellanos in *Phytologia*, 62(6): 449 (1987)—Mexico.
- canina
subsp. granatensis A.T. Romero García, G. Blanca López & C. Morales Torres in *An. Jard. Bot. Madrid*, 43(1): 52 (1986)—Spain.
- capillaris
subsp. castellana (Boiss. & Reut.) O. de Bolòs, R.M. Masalles & J. Vigo in *Collect. Bot.*, 17(1): 96 (1987 publ. 1988): A. castellana.
- subsp. olivetorum (Godron) O. de Bolòs, R.M. Masalles & J. Vigo in *Collect. Bot.*, 17(1): 96 (1987 publ. 1988): A. olivetorum.
- castellana
var. mutica (Boiss. & Reuter) Kerguelen ex A.T. Romero García, G. Blanca López & C. Morales Torres in *Ruizia*, 7: 118 (1988): A. hispanica var. mutica.
- ciliata C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 111 (1784)—Japan.†
- clavata
subsp. micrantha (Steud.) Y.C. Tong in *Fl. Xizangica*, 5: 233 (1987): A. micrantha.
- var. putoranica G.A. Peshkova in *Fl. Sibir. (Poaceae)*, 2: 107 (1990), contrary to Art. 37.5 ICBN (1988)—U.S.S.R. (Siberia).
- diffusa S.M. Phillips in *Kew Bull.*, 41(1): 137 (1986)—Ethiopia.
- exarata
subsp. clavata (Trinius) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 484 (1987): A. clavata.
- subsp. nukabo (Ohwi) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 484 (1987): A. clavata var. nukabo.
- flaccida
subsp. trinii (Turczaninov ex Litwinov) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 484 (1987): A. trinii.
- gigantea
subsp. gautieri (Sennen) A.M. Romo i Diez, *Fl. Veg. Montsec (Pre-Pirineus Catalans)*: 355 (1989): A. gautieri.
- hesperica A.T. Romero García, G. Blanca López & C. Morales Torres in *An. Jard. Bot. Madrid*, 43(1): 52 (1986)—Spain, Portugal.
- koelerioides A.M. Romo in *Treb. Inst. Bot. Barcelona*, 11: 37 (1987)—Morocco.
- lacunis D.I. Morris in *Muelleria*, 7(2): 149 (1990)—Tasmania.
- mannii
subsp. aethiopica S.M. Phillips in *Kew Bull.*, 41(1): 134 (1986)—Ethiopia.

AGROSTIS :-

- mertensii*
f. macrantha (Eames) J. Cayouette in *Nat. Canad.*, 113(4): 331 (1986); *A. borealis* var. *macrantha*.
micrandra Keng ex J.L. Yang in *Fl. Sichuanica*, 5(2): 128 (1988)—China.
munroana
subsp. indica S. Bhattacharya & S.K. Jain in *Bull. Bot. Surv. India*, 25(1-4): 205 (1983 publ. 1985)—India.
novogaliciana R. McVaugh, *Fl. Novo-Galiciana*, 14: 41 (1983)—Mexico.
pilosula
f. ciliata (Trin.) S. Bhattacharya & S.K. Jain in *Bull. Bot. Surv. India*, 25(1-4): 210 (1983 publ. 1985); *A. ciliata*.
f. filifolia (Bor.) S. Bhattacharya & S.K. Jain in *Bull. Bot. Surv. India*, 25(1-4): 210 (1983 publ. 1985); *A. pilosula* var. *filifolia*.
f. wallichiana (Steud.) S. Bhattacharya & S.K. Jain in *Bull. Bot. Surv. India*, 25(1-4): 210 (1983 publ. 1985); *A. wallichiana*.
rigidula
subsp. arisan-montana (Ohwi) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 485 (1987); *A. arisan-montana*.
subsp. fukuyamae (Ohwi) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 485 (1987); *A. fukuyamae*.
rubra F. DuRoi, *Fl. Indre et Loire* 278 (1833), non L. (1753)—France.
stolonifera
subsp. sokolovskajae (Probat.) V.N. Voroshilov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 95(2): 91 (1990); *A. sokolovskajae*.
tenuis
f. aristata I.G. Zoz & E.S. Kul'tenko in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 126 (1976 publ. 1977)—U.S.S.R. (Ukraine).
tririi
subsp. kudoii (Honda) V.N. Voroshilov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 95(2): 91 (1990); *A. kudoii*.
tungnathii S. Bhattacharya & S.K. Jain in *Bull. Bot. Surv. India*, 25(1-4): 204 (1983 publ. 1985)—India.
tuvinica G.A. Peshkova in *Fl. Sibir. (Poaceae)*, 2: 112 (1990), contrary to Art. 37.5 ICBN (1988)—U.S.S.R. (Siberia), Mongolia.

AGROSTOPHYLLUM (Orchidac.).

- aristatum* P.J. Kores in *Allertonia*, 5(1): 107 (1989)—Fiji.
elongatum (Ridley) A. Schuiteman in *Blumea*, 35(1): 165 (1990): *Appendicula elongata*.

AIDIA (Rubiac.).

- chantonea* D.D. Tirvengadam in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(3): 272 (1986)—Vietnam, Cambodia, Thailand.
coriacea (Miq.) D.D. Tirvengadam in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(3): 268 (1986); *Urophyllum coriaceum*.
graeffei (Reinecke) D.D. Tirvengadam in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(3): 270 (1986); *Randia graeffei*.
merrillii (Chun) D.D. Tirvengadam in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(3): 271 (1986); *Randia merrillii*.
oblongata (Miq.) D.D. Tirvengadam in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(3): 271 (1986); *Gynopachis oblongata*.
rugulosa (Thw.) D.D. Tirvengadam in *Ceylon J. Sci., Biol. Sci.*, 14(1-2): 3 (1981), without basionym ref.: Basionym not stated.
spicata (Valeton) D.D. Tirvengadam in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(3): 271 (1986); *Randia spicata*.
thozetiana (F. Muell.) D.D. Tirvengadam in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(3): 272 (1986); *Ixora thozetiana*.
wallichiana D.D. Tirvengadam in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(3): 263 (1986), nom. nov.: *Webera densiflora* Wall.

AIDIOPSIS D.D. Tirvengadam in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(3): 287 (1986). **RUBIACEAE**.**AIDIOPSIS** :-

- forbesii* (King & Gamble) D.D. Tirvengadam in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(3): 288 (1986); *Randia forbesii*.

AILANTHUS (Simaroubac.).

- vilmoriniana*
var. henanensis J.Y. Chen & L.Y. Jin in *Acta Bot. Yunnanica*, 12(1): 42 (1990)—China.

AINSLIAEA (Compos.).

- spanocephala* Y.C. Tseng in *Acta Phytotax. Sin.*, 26(1): 74 (1988)—Thailand.

AIOUEA (Laurac.).

- inconspicua* H. van der Werff in *Ann. Missouri Bot. Gard.*, 74(2): 401 (1987)—Mexico, Guatemala.
obscura H. van der Werff in *Ann. Missouri Bot. Gard.*, 75(2): 402 (1988)—Costa Rica.
talamancensis W. Burger in *Fieldiana, Bot.*, 23: 37 (1990)—Costa Rica.
vevatrix H. van der Werff in *Ann. Missouri Bot. Gard.*, 75(2): 404 (1988)—Panama.

AIPHANES (Palmae).

- chiribogensis* F. Borchsenius & H. Balslev in *Nordic J. Bot.*, 9(4): 386 (1989 publ. 1990)—Ecuador.
grandis F. Borchsenius & H. Balslev in *Nordic J. Bot.*, 9(4): 388 (1989 publ. 1990)—Ecuador.
tricuspidata F. Borchsenius, R.G. Bernal & M. Ruiz in *Brittonia*, 41(2): 156 (1989)—Ecuador, Colombia.
verrucosa F. Borchsenius & H. Balslev in *Nordic J. Bot.*, 9(4): 389 (1989 publ. 1990); see also *Nordic J. Bot.*, 10(1): 48 (1990)—Ecuador.

AIRA (Gramin.).

- collina* (Dumort.) B.D. Jackson in *Index Kewensis*, 1: 67 (1753-1885 publ. 1893); *A. flexuosa* * (subsp.) *collina*.
hartmaniana (Nyman) B.D. Jackson in *Index Kewensis*, 1: 68 (1753-1885 publ. 1893); *A. caespitosa* * *hartmaniana*.
insularis (Parl.) J. Woods, *Tourist's Fl.*: 403 (1850); *Antinoria insularis*.
littoralis (Gaudin) C.-H. Godet, *Fl. Jura*, 2: 803 (1853); *A. caespitosa* β *littoralis*.

AJANIA (Compos.).

- abolinii* S.S. Kovalevskaya in *Novosti Sist. Vyssh. Rast.*, 23: 247 (1986)—U.S.S.R. (Middle Asia).
korovinii S.S. Kovalevskaya in *Novosti Sist. Vyssh. Rast.*, 23: 246 (1986)—U.S.S.R. (Middle Asia).

AJUGA (Labiata.).

- davisiana* Kit Tan & B. Yildiz in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 448 (1988 publ. 1989)—Turkey.
decumbens C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14: 525* (1784)—Japan.†
var. rosa Y.N. Lee in *Korean J. Bot.*, 25(4): 177 (1982)—Korea.
orientalis
subsp. aenesia (Heldr.) D. Phitos & J. Damboldt in *Bot. Chronika*, 5(1-2): 111 (1985); *A. orientalis* var. *aenesia*.

AKANIA (Akaniac.).

- bidwillii* (Hogg) D.J. Mabberley, *Plant-book*: 707 (1989 reprint): *Lomatia bidwillii*.

ALANGIUM (Alangiace.).

- chinense*
var. pauciflorum Fang ex Y.C. Ho in *Fl. Tsinlingensis*, 1(3): 455, 347 (1981)—China.
faberi
var. dolichocarpum Z.Y. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 129 (1988)—Xizang.

ALBERTISIA (Menispermac.).

- puberula* L.L. Forman in *Kew Bull.*, 45(1): 100 (1990) Thailand.

ALBIZIA (Legumin.).

- adanthifolia*
var. intermedia (De Wildeman & T. Durand) J.F. Villiers in *Fl. Gabon*, 31: 147 (1989); *A. intermedia*.
blanchetii (Benth.) G.P. Lewis, *Legumes of Bahia*: 162 (1987); *Enterolobium blanchetii*.

ALBIZIA :-

- callistemon* (Montr.) A. Guillaumin & G. Beauvisage in *Ann. Soc. Bot. Lyon*, 38: 89 (1913 publ. 1914); *et Sp. Montrouz.*: 15 (1914) (reprint): *Acacia callistemon*.†
corymbosa (L.C. Rich.) G.P. Lewis & P.E. Owen, *Legumes of Ilha de Maracá*: 40 (1989); *Mimosa corymbosa*.
glabripetala (H.S. Irwin) G.P. Lewis & P.E. Owen, *Legumes of Ilha de Maracá*: 42 (1989); *Pithecellobium glabripetalum*.
inopinata (Harms) G.P. Lewis, *Legumes of Bahia*: 162 (1987); *Serianthes inopinata*.
julibrissin
f. albiflora J. Óhara in *J. Phytogeogr. Taxon.*, 33(2): 72 (1985)—Japan.
f. tianshuiensis T.S. Yao in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(1): 121 (1988)—China.
lancangensis Y.Y. Qian in *Acta Bot. Austro Sinica*, 4: 11 (1989)—China.
lucidior (Steud.) I. Nielson ex H. Hara in *Enum. Fl. Pl. Nepal*, 2: 104 (11 June 1979); *Inga lucidior*.
polyantha (Sprengr. f.) G.P. Lewis, *Legumes of Bahia*: 164 (1987); *Acacia polyantha*.

ALBUCA (Hyacinthac.).

- tenuis* S.H. Knudtson in *Nordic J. Bot.*, 6(6): 785 (1986)—Kenya.

ALCHEMILLA (Rosac.).

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nothoect. Flabellatae S. Fröhner in *Gleditschia*, 14(1): 44 (1986), contrary to Arts. 32.1(b) and H7 ICBN 1983. (*A. sect. Alpinae* \times *sect. Erectae* \times *sect. Pentaphylleae*).
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sect. Ultravulgares S. Fröhner in *Gleditschia*, 14(1): 31 (1986).
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crassa (Plocek) A. Plocek in *Folia Geobot. Phytotax.*, 21(4): 424 (1986); *A. monticola* var. *crassa*.
delitescens A. Plocek in *Folia Geobot. Phytotax.*, 21(4): 425 (1986)—Czechoslovakia.
deylii Plocek ex J. Soják in *Sborn. Nár. Muz. Praze, B*, 39(1): 57 (1983)—U.S.S.R. (Ukraine).
dostalii A. Plocek in *Folia Geobot. Phytotax.*, 21(4): 426 (1986)—Czechoslovakia.
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gingolphiana S. Fröhner in *Candollea*, 41(2): 256 (1986)—Switzerland.
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f. adpressopilosa (Snarskis) L. Asklund in *Svensk. Bot. Tidskr.*, 84(4): 283 (1990); *A. micans* f. *adpressopilosa*.
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subsp. trapezialis A. Plocek in *Folia Geobot. Phytotax.*, 21(4): 423 (1986)—Czechoslovakia.

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reniformis
subsp. ursina (Fröhner) A. Plocek in *Folia Geobot. Phytotax.*, 21(4): 424 (1986): A. ursina.
rhodobasis A. Plocek in *Folia Geobot. Phytotax.*, 21(4): 426 (1986)—Czechoslovakia.
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- mesoamericana N.A. Harriman in *Syst. Bot.*, 14(4): 580 (1989)—Nicaragua.

ALECTRA (Scrophulariac.).

- dolichocalyx D. Philcox in *Bol. Soc. Brot.*, 60: 269 (1987)—Zambia.
glandulosa D. Philcox in *Bol. Soc. Brot.*, 60: 269 (1987)—Zambia.
pubescens D. Philcox in *Bol. Soc. Brot.*, 60: 269 (1987)—Zambia.
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cardiocarpus P.W. Leenhouts in *Blumea*, 32(1): 221 (1987)—New Guinea (W. Irian, Papua New Guinea).
diversifolius (F. Muell.) S.T. Reynolds in *Austrobaileya*, 2(4): 335 (1987): *Heterodendrum* diversifolium.
kangeanensis P.W. Leenhouts in *Blumea*, 32(1): 222 (1987)—Java.
myrmecophilus P.W. Leenhouts in *Blumea*, 32(1): 223 (1987)—New Guinea (Papua New Guinea).
oleifolius (Desf.) S.T. Reynolds in *Austrobaileya*, 2(4): 335 (1987): *Heterodendrum* oleifolium.
subsp. canescens S.T. Reynolds in *Austrobaileya*, 2(4): 337 (1987), nom. nov.: *Heterodendrum* macrocalyx Radlk.
subsp. elongatus S.T. Reynolds in *Austrobaileya*, 2(4): 337 (1987), nom. nov.: *Heterodendrum* microcalyx Radlk.
pubescens (S. Reyn.) S.T. Reynolds in *Austrobaileya*, 2(4): 335 (1987): *Heterodendrum* pubescens.
ramiflorus S.T. Reynolds in *Austrobaileya*, 2(4): 332 (1987)—Australia (Queensland).
tropicus (S. Reyn.) S.T. Reynolds in *Austrobaileya*, 2(4): 335 (1987): *Heterodendrum* tropicum.

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- yaanica G.H. Yang in *Acta Phytotax. Sin.*, 25(3): 237 (1987)—China.

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- integrifolia (Iljin) M. Tulyaganova in *Bot. Zhurn.*, 72(6): 827 (1987): A. nivea f. integrifolia.

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helichrysoides (Ball) M. Qaiser & H.W. Lack in *Bot. Jahrb.*, 106(4): 492 (1986): *Gnaphalium* helichrysoides.
helichrysoides
subsp. nitidum (Emb.) M. Qaiser & H.W. Lack in *Bot. Jahrb.*, 106(4): 493 (1986): *Phagnalon* helichrysoides var. nitidum.
platyphylla (Maire) M. Qaiser & H.W. Lack in *Bot. Jahrb.*, 106(4): 490 (1986): *Gnaphalium* helichrysoides var. platyphyllum.

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paradoxa (Chemezon) P. Goetghebeur & P. Vorster in *Bull. Jard. Bot. Nation. Belg.*, 58(3-4): 461 (1988): *Lipocarpa* paradoxa.
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var. azuminoense Y. Kadono & S. Hamashima in *J. Jap. Bot.*, 63(12): 411 (1988)—Japan.

ALKANNA (Boraginac.).

- graeca
subsp. slavjankae St. Kozhukharov in *Fl. Nar. Republ. Bŭlgariya*, 9: 505, 138 (1989)—Bulgaria.
jordanovii St. Kozhukharov in *Fl. Nar. Republ. Bŭlgariya*, 9: 506, 142 (1989)—Bulgaria.
lutea Moris, *Enum. Pl. Nov. Reg. Hort. Bot. Taur.*, 1845; *Ann. Sci. Nat. III*, 5: 364 (1846); cf. D.J. Mabberley in *Taxon*, 33(3): 441 (1984)—Locality not stated.
primuliflora
var. thracica St. Kozhukharov in *Fl. Nar. Republ. Bŭlgariya*, 9: 505, 140 (1989)—Bulgaria.
stojanovii St. Kozhukharov in *Fl. Nar. Republ. Bŭlgariya*, 9: 505, 142 (1989)—Bulgaria.
stribnyi
subsp. intermedia St. Kozhukharov in *Fl. Nar. Republ. Bŭlgariya*, 9: 505, 141 (1989)—Bulgaria.

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ser. Angulosa T.Ya. Omel'chuk-Myakushko in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 55 (1976 publ. 1977).
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ser. Rubentia T.Ya. Omel'chuk-Myakushko in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 56 (1976 publ. 1977).
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altyncolicum N.V. Frizen in *Bot. Zhurn.*, 72(6): 816 (1987)—U.S.S.R. (Middle Asia).
austrosibiricum N.V. Frizen in *Fl. Sibir. (Arac.-Orchidac.)*: 66 (1987)—U.S.S.R. (Siberia), Mongolia.
barszczewskii
f. niveum L.S. Krasovskaya in L.S. Krasovskaya & I.G. Levichev, *Fl. Chatkal'skogo Zapovednika*: 166 (1986)—U.S.S.R. (Middle Asia).
f. violaceum L.S. Krasovskaya in L.S. Krasovskaya & I.G. Levichev, *Fl. Chatkal'skogo Zapovednika*: 167 (1986)—U.S.S.R. (Middle Asia).
brandegei
f. viviparum W.A. Weber in *Phytologia*, 67(6): 425 (1989)—U.S.A. (Colorado).
brevidentatum F.Z. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 170 (1986)—China.
burjatium N.V. Frizen in *Fl. Sibir. (Arac.-Orchidac.)*: 68 (1987)—U.S.S.R. (Siberia), Mongolia.
chalkii D. Tzanoudakis & F. Kollmann in *Israel J. Bot.*, 40(1): 61 (1991 publ. 1990)—East Aegean Is.
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cornutum Clem. in *Atti 3 Riun. Sci. Ital.*: 517 (1841); cf. D.J. Mabberley in *Taxon*, 31(1): 69 (1982)—Locality not stated.
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var. negevene F. Kollmann in *N. Feinbrun-Dothan, Fl. Palaestina*, 4: 397, 93 (1986)—Israel.
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var. deltoides S.O. Yu, S. Lee & W.T. Lee in *J. Korean Pl. Taxon.*, 11(1-2): 29 (1981)—Korea.
dauricum N.V. Frizen in *Fl. Sibir. (Arac.-Orchidac.)*: 68 (1987)—U.S.S.R. (Siberia), China, Mongolia.
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dshambulicum N.V. Pavlov in *Vestn. Akad. Nauk Kaz. SSR*, 1949(1): 27 (1949)—U.S.S.R. (Middle Asia).
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edentatum Y.P. Hsu in *Acta Bot. Bor.-Occid. Sin.*, 7(4): 258 (1987)—China.
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lancipetalum Y.P. Hsu in *Acta Bot. Bor.-Occid. Sin.*, 7(4): 259 (1987)—China.
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 malyshevii N.V. Frizen in *Fl. Sibir. (Arac.-Orchidac.)*: 89 (1987)—U.S.S.R. (Siberia), Mongolia.
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 motor R. Kam. & I.G. Levichev in *L.S. Krasovskaya & I.G. Levichev, Fl. Chatkal'skogo Zapovednika*: 168 (1986)—U.S.S.R. (Middle Asia).
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 paniculatum
 subsp. salinum (Debeaux) F. Botté & M. Kerguelén in *Lejeunia*, 120: 41 (1987): A. paniculatum var. salinum.
 subsp. stearnii (Pastor & Valdés) O. de Bolòs, R.M. Masalles & J. Vigo in *Collect. Bot.*, 17(1): 95 (1987 publ. 1988): A. stearnii.
 paradoxum
 var. normale W.T. Stearn in *Kew Mag.*, 4(4): 196 (1987)—Iran.
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 subsp. amblyophyllum (Kar. & Kir.) N.V. Frizen in *Fl. Sibir. (Arac.-Orchidac.)*: 81 (1987): A. amblyophyllum.
 prokhanovii (Worosch.) V.Yu. Barkalov in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 2: 385 (1987): A. splendens subsp. prokhanovii.
 rudolfii I. Turakulov in *Dokl. Akad. Nauk Tadzh. SSR*, 29(3): 180 (1986)—U.S.S.R. (Middle Asia).
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 subsp. gredense (Rivas Mateos) S. Rivas-Martínez, F. Fernández González & D. Sánchez-Mata in *Opusc. Bot. Pharm. Complutensis*, 2: 103 (1986): A. gredense.
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 subsp. glaucum (Schrader) N.V. Frizen in *Fl. Sibir. (Arac.-Orchidac.)*: 73 (1987): A. glaucum.
 var. minor S.O. Yu, S. Lee & W.T. Lee in *J. Korean Pl. Taxon.*, 11(1-2): 32 (1981)—Korea.
 shevockii D.W. McNeal in *Madroño*, 34(2): 150 (1987)—U.S.A. (California).
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 victoralis
 f. variegatum (Nakai ex Mori) S.O. Yu, W.T. Lee & S. Lee in *J. Korean Pl. Taxon.*, 11(1-2): 35 (1981): A. victoralis var. variegatum.
 vodopjanovae
 subsp. czemalense N.V. Frizen in *Fl. Sibir. (Arac.-Orchidac.)*: 77 (1987)—U.S.S.R. (Siberia).
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 yuchuanii Y.Z. Zhao & J.Y. Chao in *Acta Sci. Nat. Univ. Intramongolicae*, 20(2): 241 (1989)—China.

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 sect. Amorphopitys L.A.S. Johnson in *Fl. Australia*, 3: 191, 143 (1989).
 sect. Ceropitys L.A.S. Johnson in *Fl. Australia*, 3: 191, 135 (1989).
 sect. Cylindropitys L.A.S. Johnson in *Fl. Australia*, 3: 191, 147 (1989).
 sect. Dolichopitys L.A.S. Johnson in *Fl. Australia*, 3: 192, 127 (1989).
 sect. Echinopitys L.A.S. Johnson in *Fl. Australia*, 3: 192, 132 (1989).
 sect. Inopitys L.A.S. Johnson in *Fl. Australia*, 3: 192, 147 (1989).
 sect. Nannopitys L.A.S. Johnson in *Fl. Australia*, 3: 192, 170 (1989).
 sect. Oopitys L.A.S. Johnson in *Fl. Australia*, 3: 192, 144 (1989).
 sect. Oxypitys L.A.S. Johnson in *Fl. Australia*, 3: 193, 127 (1989).
 sect. Platypitys L.A.S. Johnson in *Fl. Australia*, 3: 193, 132 (1989).
 sect. Trachypitys (Benth.) L.A.S. Johnson in *Fl. Australia*, 3: 193, 170 (1989): Casuarina sect. Trachypitys.
 sect. Trichopitys L.A.S. Johnson in *Fl. Australia*, 3: 193, 146 (1989).
 brachystachya L.A.S. Johnson in *Fl. Australia*, 3: 193, 168 (1989)—Australia (New South Wales).
 crassa L.A.S. Johnson in *Fl. Australia*, 3: 194, 159 (1989)—Tasmania.
 defungens L.A.S. Johnson in *Fl. Australia*, 3: 194, 157 (1989)—Australia (New South Wales).
 diminuta L.A.S. Johnson in *Fl. Australia*, 3: 194, 155 (1989)—Australia (New South Wales).
 subsp. annectens L.A.S. Johnson in *Fl. Australia*, 3: 194, 157 (1989)—Australia (New South Wales).
 subsp. mimica L.A.S. Johnson in *Fl. Australia*, 3: 195, 155 (1989)—Australia (New South Wales).
 emuina L.A.S. Johnson in *Fl. Australia*, 3: 195, 150 (1989)—Australia (Queensland).
 eriochlamys (L. Johnson) L.A.S. Johnson in *Fl. Australia*, 3: 195, 137 (1989): Casuarina campestris subsp. eriochlamys.
 subsp. grossa (L. Johnson) L.A.S. Johnson in *Fl. Australia*, 3: 195, 139 (1989): Casuarina campestris subsp. grossa.
 filidens L.A.S. Johnson in *Fl. Australia*, 3: 195, 150 (1989)—Australia (Queensland).
 glareicola L.A.S. Johnson in *Fl. Australia*, 3: 195, 157 (1989)—Australia (New South Wales).
 globosa L.A.S. Johnson in *Fl. Australia*, 3: 196, 136 (1989)—Australia (W. Australia).
 grampiana L.A.S. Johnson in *Fl. Australia*, 3: 196, 158 (1989)—Australia (Victoria).
 gymnanthera L.A.S. Johnson in *Fl. Australia*, 3: 196, 166 (1989)—Australia (New South Wales).
 lehmanniana
 subsp. ecarinata L.A.S. Johnson in *Fl. Australia*, 3: 196, 161 (1989)—Australia (W. Australia).
 mackliniana L.A.S. Johnson in *Fl. Australia*, 3: 196, 162 (1989)—Australia (S. Australia, Victoria).
 subsp. hirtilinea L.A.S. Johnson in *Fl. Australia*, 3: 197, 162 (1989)—Australia (Victoria).
 subsp. xerophila L.A.S. Johnson in *Fl. Australia*, 3: 197, 162 (1989)—Australia (S. Australia, Victoria).
 media L.A.S. Johnson in *Fl. Australia*, 3: 197, 148 (1989)—Australia (Victoria).
 misera L.A.S. Johnson in *Fl. Australia*, 3: 197, 163 (1989)—Australia (Victoria).
 muelleriana
 subsp. alticola L.A.S. Johnson in *Fl. Australia*, 3: 197, 169 (1989)—Australia (S. Australia).
 subsp. notocarpica L.A.S. Johnson in *Fl. Australia*, 3: 198, 169 (1989)—Australia (S. Australia).

ALLOCASUARINA :-

- ophiolitica L.A.S. Johnson in *Fl. Australia*, 3: 198, 152 (1989)—Australia (New South Wales).
 portuensis L.A.S. Johnson in *Fl. Australia*, 3: 198, 152 (1989)—Australia (New South Wales).
 rigida
 subsp. exsul L.A.S. Johnson in *Fl. Australia*, 3: 198, 151 (1989)—Australia (Queensland).
 rupicola L.A.S. Johnson in *Fl. Australia*, 3: 199, 152 (1989)—Australia (New South Wales, Queensland).
 simulans L.A.S. Johnson in *Fl. Australia*, 3: 199, 154 (1989)—Australia (New South Wales).
 spinosissima (C. Gardner) L.A.S. Johnson in *Fl. Australia*, 3: 199, 133 (1989): Casuarina spinosissima.
 thalassoscopia L.A.S. Johnson in *Fl. Australia*, 3: 199, 150 (1989)—Australia (Queensland).
 tortiramura E.M. Bennett in *Fl. Australia*, 3: 190, 137 (1989)—Australia (W. Australia).
 zephyrea L.A.S. Johnson in *Fl. Australia*, 3: 199, 158 (1989)—Tasmania.

ALLOISPERMUM (Compos.).

- gonzaleziae (B. Turner) B.L. Turner in *Phytologia*, 68(2): 135 (1990), as 'gonzalezae': Sabazia gonzaleziae.
 insuetum C.F. Fernandez, L.E. Urbatsch & G. Sullivan in *Madroño*, 34(2): 162 (1987)—Colombia.
 longiradiatum (Urbatsch & B. Turner) B.L. Turner in *Phytologia*, 68(2): 135 (1990): Sabazia longiradiata.
 michoacanum (B.L. Robins.) B.L. Turner in *Phytologia*, 68(2): 135 (1990): Sabazia michoacana.
 var. liebmannii (Schultz-Bip. ex Klatt) B.L. Turner in *Phytologia*, 68(2): 135 (1990): Sabazia liebmannii.
 palmeri (S. Wats. ex A. Gray) C. Fernandez & L. Urbatsch in *Phytologia*, 68(2): 136 (1990): Calea palmeri.
 var. lancifolium (Urbatsch & B. Turner) C. Fernandez & L. Urbatsch in *Phytologia*, 68(2): 136 (1990): Sabazia palmeri var. lancifolium.
 tridacoides (Urbatsch & B. Turner) C. Fernandez & L. Urbatsch in *Phytologia*, 68(2): 136 (1990): Sabazia tridacoides.

ALLOMARKGRAFIA (Apocynac.).

- laxiflora A.H. Gentry in *Ann. Missouri Bot. Gard.*, 76(3): 923 (1989)—Colombia.

ALLOMORPHIA (Melastomatac.).

- bracteata C. Hansen in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 12(1): 38 (1990)—Vietnam.
 inaequata C. Hansen in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 12(1): 38 (1990)—Vietnam.
 parvifolia C. Hansen in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 12(1): 38 (1990)—Vietnam.
 sulcata C. Hansen in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 12(1): 38 (1990)—Vietnam.

ALLOPHYLUS (Sapindac.).

- dodsonii A.H. Gentry in *Ann. Missouri Bot. Gard.*, 75(4): 1438 (1988 publ. 1989)—Ecuador.
 parimensis J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 75(1): 333 (1988)—Venezuela.

ALLOPLECTUS (Gesneriac.).

- baguensis L.E. Skog in *Op. Bot.*, 92: 225 (1987)—Peru.
 bicolor G. Don f. in *Loud., Encycl. Pl., new ed.*: 1402 (1855); cf. D.J. Mabberley in *Taxon*, 30(1): 14 (1981)—Locality not stated.
 spectabilis Wiehler ex L.E. Skog & J. Steyermark in *Op. Bot.*, 92: 228 (1987)—Venezuela.

- ALLOSIDASTRUM** (Hochreutiner) A. Krapovickas, P.A. Fryxell & D.M. Bates in P.A. Fryxell, *Malvac. of Mexico* (Syst. Bot. Monog., 25): 70 (1988); et in *Bol. Soc. Bot. Méx.*, 48: 24 (1988 publ. 1989): Pseudabutilon subgen. Allosidastrum (Malvac.).
 dolichophyllum A. Krapovickas, P.A. Fryxell & D.M. Bates in *Bol. Soc. Bot. Méx.*, 48: 25 (1988 publ. 1989)—Venezuela.
 hilarianum (K. Presl) A. Krapovickas, P.A. Fryxell & D.M. Bates in P.A. Fryxell, *Malvac. of Mexico* (Syst. Bot. Monog., 25): 71 (1988); et in *Bol. Soc. Bot. Méx.*, 48: 28 (1988 publ. 1989): Sida hilariana.

ALLOSIDASTRUM :-

interruptum (*Balbis ex de Candolle*) A. Krapovickas, P.A. Fryxell & D.M. Bates in P.A. Fryxell, *Malvac. of Mexico (Syst. Bot. Monog., 25)*: 71 (1988); et in *Bol. Soc. Bot. Méx.*, 48: 30 (1988 publ. 1989): Sida interrupta.
 pyramidatum (*Cavanilles*) A. Krapovickas, P.A. Fryxell & D.M. Bates in P.A. Fryxell, *Malvac. of Mexico (Syst. Bot. Monog., 25)*: 74 (1988); et in *Bol. Soc. Bot. Méx.*, 48: 31 (1988 publ. 1989): Sida pyramidata.

ALMEIDEA (Rutac.).

limae I.M. Silva in *Bradea*, 4(46): 362 (1987)—Brazil.

ALNUS (Betulac.).

alnobetula
 subsp. suaveolens (*Req.*) J. Lambinon & M. Kerguelen in *Candollea*, 43(1): 405 (1988): A. suaveolens.
 japonica
 var. villosa L. Zhao & D. Chen in *Fl. Liaoningica*, chiefed. S.X. Li, 1: 1361, 247 (1988)—China.

ALOE (Aloec.).

subject. Bowieae G.F. Smith in *S. Afr. J. Bot.*, 56(3): 306 (1990), as comb. nov.
 alfredii W. Rauh in *Cact. Succ. J. (U.S.A.)*, 62(5): 232 (1990)—Madagascar.
 chortolirioides
 var. woolliana (*Pole Evans*) H.F. Glen & D.S. Hardy in *S. Afr. J. Bot.*, 53(6): 489 (1987): A. woolliana.
 ciliaris
 var. redacta S. Carter in *Kew Bull.*, 45(4): 643 (1990)—South Africa (Cape Province).
 cooperi
 subsp. pulchra H.F. Glen & D.S. Hardy in *Flow. Pl. Afr.*, 49(3-4): t. 1944 (1987)—South Africa (Natal), Swaziland.
 delphinensis W. Rauh in *Cact. Succ. J. (U.S.A.)*, 62(5): 230 (1990)—Madagascar.
 fouriei D.S. Hardy & H.F. Glen in *Flow. Pl. Afr.*, 49(3-4): t. 1941 (1987)—South Africa (Transvaal).
 greatheadii
 var. davyana (*Schönl.*) H.F. Glen & D.S. Hardy in *S. Afr. J. Bot.*, 53(6): 490 (1987): A. davyana.
 hardyi H.F. Glen in *Flow. Pl. Afr.*, 49(3-4): t. 1942 (1987)—South Africa (Transvaal).
 inconspicua D.C.H. Plowes in *Aloe*, 23(2): 32 (1986)—South Africa (Natal).
 kulalensis L.E. Newton & H.J. Beentje in *Cact. Succ. J. (U.S.A.)*, 62(5): 251 (1990)—Kenya.
 marlothii
 subsp. orientalis H.F. Glen & D.S. Hardy in *Flow. Pl. Afr.*, 49(3-4): t. 1943 (1987)—South Africa (Natal), Mozambique.
 molederana J.J. Lavranos & H.F. Glen in *Flow. Pl. Afr.*, 50(2): t. 1982 (1989)—Somali Republic.
 powysiorum L.E. Newton & H.J. Beentje in *Cact. Succ. J. (U.S.A.)*, 62(5): 252 (1990), as 'powysiorum'—Kenya.
 scabrifolia L.E. Newton & J.J. Lavranos in *Cact. Succ. J. (U.S.A.)*, 62(5): 219 (1990)—Kenya.
 striata
 subsp. karasbergensis (*Pillans*) H.F. Glen & D.S. Hardy in *S. Afr. J. Bot.*, 53(6): 491 (1987): A. karasbergensis.
 subsp. komaggasensis (*Kritzing* & *Van Jaarsveld*) H.F. Glen & D.S. Hardy in *S. Afr. J. Bot.*, 53(6): 491 (1987): A. komaggasensis.
 tugenensis L.E. Newton & J.J. Lavranos in *Cact. Succ. J. (U.S.A.)*, 62(5): 215 (1990)—Kenya.

ALOITIS (Gentianac.).

falconeri (*Clarke*) S. Omer, M. Qaiser & S.I. Ali in *Pakistan J. Bot.*, 20(2): 155 (1988): Gentiana falconeri.
 holosteoides (*Pritchard*) S. Omer, M. Qaiser & S.I. Ali in *Pakistan J. Bot.*, 20(2): 159 (1988): Gentianella holosteoides.
 maddenii (*Clarke*) S. Omer, M. Qaiser & S.I. Ali in *Pakistan J. Bot.*, 20(2): 155 (1988): Gentiana moorcroftiana var. maddenii.
 moorcroftiana (*Wall. ex G. Don*) S. Omer, M. Qaiser & S.I. Ali in *Pakistan J. Bot.*, 20(2): 157 (1988): Gentiana moorcroftiana.

ALOITIS :-

stoliczkae (*Clarke*) S. Omer, M. Qaiser & S.I. Ali in *Pakistan J. Bot.*, 20(2): 159 (1988), as 'stoliczkae': Gentiana stoliczkae.
 umbellata (*M. Bieb.*) S. Omer, M. Qaiser & S.I. Ali in *Pakistan J. Bot.*, 20(2): 157 (1988): Gentiana umbellata.

ALOPECURUS (Gramin.).

adanensis M. Doğan in *Notes Roy. Bot. Gard. Edinburgh*, 45(1): 111 (1988)—Turkey.
 aequalis
 subsp. amurensis (*Komarov*) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 485 (1987): A. fulvus var. amurensis.
 anatolicus M. Doğan in *Notes Roy. Bot. Gard. Edinburgh*, 45(1): 114 (1988)—Turkey.
 aquaticus (*Dumort.*) F.A. Tinant, *Fl. Luxembourggeoise*: 75 (1836): A. pratensis* (subsp.) aquaticus.
 aristulosus N.A. Desvaux, *Obs. Pl. Environs d'Angers*: 46 (1818)—France.
 arundinaceus
 subsp. castellanus (*Boiss. & Reuter*) S. Rivas-Martínez, F. Fernández González & D. Sánchez-Mata in *Opusc. Bot. Pharm. Complutensis*, 2: 104 (1986): A. castellanus.
 baptarrhenus S.M. Phillips in *Kew Bull.*, 41(4): 1027 (1986)—Ethiopia.
 turczaninovi O.D. Nikiforova in *Bot. Zhurn.*, 73(11): 1601 (1988)—U.S.S.R. (Siberia).
 utriculatus
 subsp. gaziantepicus M. Doğan in *Notes Roy. Bot. Gard. Edinburgh*, 45(1): 114 (1988)—Turkey.
 subsp. malayaensis M. Doğan in *Notes Roy. Bot. Gard. Edinburgh*, 45(1): 114 (1988)—Turkey, Iraq.

×ALPHONSOARA hort. in *Orchid Rev.*, 96(1136): centre page pull-out p. 8 (1988). ORCHIDACEAE. (Arachnis × Ascocentrum × Vanda × Vandopsis).

ALPINIA (Zingiberac.).

subject. Allughas (*K. Schum.*) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 25 (1990): A. sect. Allughas.
 subject. Amomiceps (*K. Schum.*) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 30 (1990): A. sect. Amomiceps.
 sect. Arctiflorae R.M. Smith in *Edinburgh J. Bot.*, 47(1): 23 (1990).
 subject. Caeruleae R.M. Smith in *Edinburgh J. Bot.*, 47(1): 28 (1990).
 subject. Catimbium (*Horan.*) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 19 (1990): A. sect. Catimbium.
 subject. Cenolophon (*Bl.*) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 17 (1990): gen. Cenolophon.
 sect. Fax R.M. Smith in *Edinburgh J. Bot.*, 47(1): 21 (1990).
 subject. Odontochium (*K. Schum.*) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 26 (1990): gen. Odontochium.
 subject. Paniculatae R.M. Smith in *Edinburgh J. Bot.*, 47(1): 17 (1990).
 subject. Presleia (*Val.*) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 16 (1990): A. sect. Presleia.
 subject. Probolocalyx (*K. Schum.*) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 21 (1990): A. subgen. Probolocalyx.
 subject. Pycnanthus (*K. Schum.*) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 29 (1990): A. sect. Pycnanthus.
 subject. Strobidia (*Miq.*) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 26 (1990): gen. Strobidia.
 acuminata R.M. Smith in *Edinburgh J. Bot.*, 47(1): 63 (1990), nom. nov.: Rhynchanthus papuanus Gilli.
 albipurpurea (*van Royen*) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 64 (1990): Kolowratia albipurpurea.
 beamanii R.M. Smith in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 341 (1988 publ. 1989)—Borneo (Sabah).
 bodenii R.M. Smith in *Edinburgh J. Bot.*, 47(1): 64 (1990), nom. nov.: Eriolopha sericea Ridley.
 corneri (*Holtum*) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 65 (1990): Cenolophon corneri.
 elmeri R.M. Smith in *Edinburgh J. Bot.*, 47(1): 64 (1990), nom. nov.: A. longipetiolata Elmer.

ALPINIA :-

emaculata S.Q. Tong in *Acta Phytotax. Sin.*, 27(4): 285 (1989)—China.
 gigantifolia (*Elmer*) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 65 (1990): Zingiber gigantifolia.
 guangdongensis S.J. Chen & Z.Y. Chen in *Guihaia*, 8(4): 317 (1988)—China.
 juliformis (*Ridley*) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 65 (1990): Eriolopha juliformis.
 klossii (*Ridley*) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 65 (1990): Eriolopha klossii.
 ludwigiana R.M. Smith in *Edinburgh J. Bot.*, 47(1): 64 (1990), nom. nov.: A. blumei K. Schum.
 nanchuanensis Z.Y. Zhu in *Guihaia*, 7(4): 295 (1987)—China.
 ×okinawaensis S. Tawada in *J. Phytogeogr. Taxon.*, 27(4): 83 (1987)—Japan. (A. formosana × uraiensis).
 rubromaculata S.Q. Tong in *Acta Phytotax. Sin.*, 27(4): 284 (1989), as 'rubro-maculata'—China.
 velveta R.M. Smith in *Edinburgh J. Bot.*, 47(1): 63 (1990), nom. nov.: Kolowratia velutina van Royen.

ALSINE (Caryophyllac.).

cupaniana
 subsp. postii (*Holmboe*) J. Holub in *Preslia*, 58(4): 301 (1986): Stellaria media subsp. postii.
 molluginea *Hort. Vindob. ex Hornem., Hort. Hafn.*: 295 (1813); cf. D.J. Mabberley in *Taxon*, 33(3): 436 (1984)—Locality not stated.
 nodosa (*Chaub. & Bory*) Vis. in *Atti 2 Riun. Sci. Ital.*: 180 (1841); cf. D.J. Mabberley in *Taxon*, 31(1): 69 (1982): Basionym not stated.

ALSODEIA (Violac.).

heteroclita (*Roxb.*) W. Theobald in F. Mason, *Burmah*, ed. 3, 2: 647 (1883); cf. D.J. Mabberley in *Taxon*, 34(1): 154 (1985): Vareca heteroclita.

ALSOPHILA (Cyathec.).

insulana (*Holttt.*) R. Tryon in *Contrib. Gray Herb.*, 200: 34 (1970): Cyathea insulana Holttt.

ALSTONIA (Apocynac.).

vitiensis
 f. glabra A.C. Smith in *Fl. Vitiensis Nova*, 4: 76 (1988)—Fiji.

ALSTROEMERIA (Alstroemeriac.).

andina
 subsp. venustula (*Philippi*) E. Bayer, *Gattung Alstroemeria in Chile*: 81 (1986 publ. 1987): A. venustula.
 angustifolia
 subsp. velutina E. Bayer, *Gattung Alstroemeria in Chile*: 202 (1986 publ. 1987)—Chile.
 bilabiata P. Ravenna in *Phytologia*, 64(4): 282 (1988)—Chile.
 cantilanica P. Ravenna in *Phytologia*, 64(4): 285 (1988)—Chile.
 diluta E. Bayer, *Gattung Alstroemeria in Chile*: 212 (1986 publ. 1987)—Chile.
 subsp. chrysantha E. Bayer, *Gattung Alstroemeria in Chile*: 219 (1986 publ. 1987)—Chile.
 epulaquensis P. Ravenna in *Phytologia*, 64(4): 283 (1988)—Argentina.
 garaventae E. Bayer, *Gattung Alstroemeria in Chile*: 60 (1986 publ. 1987)—Chile.
 hookeri Sweet, *Hort. Brit.*: 408 (1827); cf. D.J. Mabberley in *Taxon*, 30(1): 15 (1981)—Locality not stated.
 subsp. cummingiana (*Herbert*) E. Bayer, *Gattung Alstroemeria in Chile*: 189 (1986 publ. 1987): A. cummingiana.
 subsp. maculata E. Bayer, *Gattung Alstroemeria in Chile*: 184 (1986 publ. 1987)—Chile.
 subsp. recubens (*Herbert*) E. Bayer, *Gattung Alstroemeria in Chile*: 179 (1986 publ. 1987): A. recubens.
 huemulina P. Ravenna in *Phytologia*, 64(4): 285 (1988)—Chile.
 jocunda P. Ravenna in *Phytologia*, 64(4): 284 (1988)—Chile.
 lacrima-solis P. Ravenna in *Phytologia*, 64(4): 283 (1988)—Argentina.
 ligtu
 subsp. incarnata E. Bayer, *Gattung Alstroemeria in Chile*: 156 (1986 publ. 1987)—Chile.

ALSTROEMERIA :-

- subsp. simsii* (Sprengel) E. Bayer, *Gattung Alstroemeria in Chile*: 144 (1986 publ. 1987): A. *simsii*.
longiavensis P. Ravenna in *Phytologia*, 64(4): 285 (1988)—Chile.
magna P. Ravenna in *Phytologia*, 64(4): 284 (1988)—Chile.
magnifica
subsp. gayana (Philippi) E. Bayer, *Gattung Alstroemeria in Chile*: 252 (1986 publ. 1987): A. *gayana*.
subsp. maxima (Philippi) E. Bayer, *Gattung Alstroemeria in Chile*: 244 (1986 publ. 1987): A. *pulchra* var. *maxima*.
monantha P. Ravenna in *Phytologia*, 64(4): 286 (1988)—Chile.
nidularis P. Ravenna in *Phytologia*, 64(4): 282 (1988)—Chile.
oxyphylla P. Ravenna in *Phytologia*, 64(4): 286 (1988), nom. nov.: A. *crocea* Philippi.
poetica P. Ravenna in *Phytologia*, 64(4): 285 (1988)—Chile.
polpaicana P. Ravenna in *Phytologia*, 64(4): 283 (1988)—Chile.
presliana
subsp. australis E. Bayer, *Gattung Alstroemeria in Chile*: 122 (1986 publ. 1987)—Chile.
pseudospathulata E. Bayer, *Gattung Alstroemeria in Chile*: 47 (1986 publ. 1987), nom. nov.: A. *crocea* Philippi.
psittacina J.G.C. Lehmann in *Sem. Hort. Bot. Hamb.*: 17 (1826)—Locality not stated. †
pulchra
subsp. lavandulacea E. Bayer, *Gattung Alstroemeria in Chile*: 230 (1986 publ. 1987)—Chile.
sabulosa P. Ravenna in *Phytologia*, 64(4): 281 (1988)—Chile.
spectabilis P. Ravenna in *Phytologia*, 64(4): 284 (1988)—Chile.
timida P. Ravenna in *Phytologia*, 64(4): 281 (1988)—Chile.
venusta P. Ravenna in *Phytologia*, 64(4): 282 (1988)—Chile.
werdermannii E. Bayer, *Gattung Alstroemeria in Chile*: 87 (1986 publ. 1987)—Chile.
yaelae P. Ravenna in *Phytologia*, 64(4): 282 (1988)—Chile.
zoellneri E. Bayer, *Gattung Alstroemeria in Chile*: 297 (1986 publ. 1987)—Chile.

ALTERNANTHERA (Amaranthac.).

- albotomentosa*
var. ecuadoriensis U. Eliasson in *Fl. Ecuador*, 28(44): 69 (1987)—Ecuador.
corymbiformis U. Eliasson in *Fl. Ecuador*, 28(44): 81 (1987)—Ecuador.
dendrotricha C.C. Townsend in *Kew Bull.*, 43(1): 106 (1988)—Brazil.
ficoidea Sm. in *Rees, Cyclop.*, 39(1): Alternanthera no. 8 (Dec. 1818); cf. D.J. Mabberley in *Taxon*, 30(1): 15 (1981)—Locality not stated.
f. aberrans (Pedersen) T.M. Pedersen in *Fl. Illustr. Entre Rios (Argent.)*, 3: 200 (1987): A. *paronichyoides* f. *aberrans*.
subsp. chacoensis (Morong) T.M. Pedersen in *Fl. Illustr. Entre Rios (Argent.)*, 3: 200 (1987): A. *chacoensis*.
subsp. pilosa (Moq.) T.M. Pedersen in *Fl. Illustr. Entre Rios (Argent.)*, 3: 200 (1987): A. *pilosa*.
f. pilosa (Moq.) T.M. Pedersen in *Fl. Illustr. Entre Rios (Argent.)*, 3: 200 (1987): A. *pilosa*.
grandis U. Eliasson in *Fl. Ecuador*, 28(44): 99 (1987)—Ecuador.
littoralis
var. guineensis T.M. Pedersen in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 12(1): 71 (1990)—Ivory Coast, Sierra Leone, Liberia, Benin.
var. maritima (Mart.) T.M. Pedersen in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 12(1): 71 (1990): *Buchholzia maritima*.
var. sparmannii (Moq.) T.M. Pedersen in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 12(1): 72 (1990): *Telanthera maritima* var. *δ sparmannii*.

ALTERNANTHERA :-

- polygonoides* R. Br. ex Sweet, *Hort. Suburb. Lond.*: 48 (June-July 1818); cf. D.J. Mabberley in *Taxon*, 30(1): 15 (1981)—Locality not stated.
porrigens
var. mearsii U. Eliasson in *Fl. Ecuador*, 28(44): 89 (1987)—Ecuador.
var. piurensis (Standley) U. Eliasson in *Fl. Ecuador*, 28(44): 87 (1987): A. *piurensis*.

ALTHAEA (Malvac.).

- australis* W.R. Barker in *Fl. S. Australia*, 4: 2146 (1986)—Australia (S. Australia).
ludwigii
var. microcalyculata A. Dobignard in *Saussurea*, 19: 103 (1988 publ. 1989)—Morocco.

ALTHENIA (Zannichelliac.).

- filiformis*
var. barrandonii (Duval-Jouve) P. García Murillo & S. Talavera in *Lagascalia*, 14(1): 107 (1986): A. *barrandonii*.
orientalis (Tzvelev) P. García Murillo & S. Talavera in *Lagascalia*, 14(1): 108 (1986): A. *filiformis* subsp. *orientalis*.
subsp. betpakdalensis (Tzvelev) P. García Murillo & S. Talavera in *Lagascalia*, 14(1): 112 (1986): A. *filiformis* subsp. *betpakdalensis*.

ALVIMIA Calderón ex T.R. Soderstrom & X. Londoño in *Amer. J. Bot.*, 75(6): 833 (1988). GRAMINEAE.

- auriculata* T.R. Soderstrom & X. Londoño in *Amer. J. Bot.*, 75(6): 834 (1988)—Brazil.
gracilis T.R. Soderstrom & X. Londoño in *Amer. J. Bot.*, 75(6): 835 (1988)—Brazil.
lancifolia T.R. Soderstrom & X. Londoño in *Amer. J. Bot.*, 75(6): 837 (1988)—Brazil.

ALVORDIA (Compos.).

- congesta* (Rose ex Hoffmann) B.L. Turner in *Phytologia*, 64(3): 210 (1988): *Agiabampoa congesta*.

ALYOGYNE (Malvac.).

- craunii* P.A. Fryxell in *Syst. Bot.*, 12(2): 277 (1987)—Australia (N. Terr.).

ALYSICARPUS (Legumin.).

- heyneanus*
var. meeboldii (Schindl.) A. Pramanik & K. Thothathri in *J. Econ. Taxon. Bot.*, 12(2): 364 (1988 publ. 1989): A. *meeboldii*.
luteoveixillatus V.N. Naik & D.S. Pokle in *J. Econ. Taxon. Bot.*, 7(3): 670 (1985 publ. 1986)—India.
pilifer (Prain) J.L. Ellis, *Fl. Nallamalais*, 1: 145 (1987): A. *rugosus* var. *pilifer*.
vaginalis
var. taiwanianus S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 2: 378 (1987)—Taiwan.
var. venosa (Blatt. & Hall.) A. Pramanik & K. Thothathri in *J. Econ. Taxon. Bot.*, 12(2): 363 (1988 publ. 1989): A. *monilifer* var. *venosa*.

ALYSSOIDES (Crucif.).

- utriculata*
subsp. bulgarica (Sagorski) P. Hartvig in *A. Strid (ed.)*, *Mount. Fl. Greece*, 1: 277 (1986): *Vesicaria utriculata* subsp. *bulgarica*.

ALYSSOPSIS (Crucif.).

- trinervis* V.P. Bochantsev & É.M. Seifulin in *Novosti Sist. Vyssh. Rast.*, 25: 89 (1988)—U.S.S.R. (Middle Asia), Iran.

ALYSSUM (Crucif.).

- arenarium* *Kitaib. ex Spreng., Nachtr. Bot. Gart. Univ. Halle*: 10 (1801); cf. D.J. Mabberley in *Taxon*, 32(1): 84 (1983)—Locality not stated.
calycocarpum
var. edentatum H.L. Yang in *Fl. Desert. Reipubl. Popul. Sin.*, 2: 445 (1987)—Xinjiang.
curatum M. Gandoger in *Bull. Soc. Bot. France*, 64: 121 (1917)—Crete.

ALYSSUM :-

- diffusum*
subsp. corymbosum (Pau) C. Morales Torres, A.B. Robles Cruz & A.T. Romero García in *Lazaroa*, 9: 148 (1986 publ. 1988): A. *diffusum* var. *corymbosum*.
gustavssonii P. Hartvig in *A. Strid (ed.)*, *Mount. Fl. Greece*, 1: 293 (1986)—Greece.
kotovii A.P. Il'yins'ka in *Ukr. Bot. Zhurn.*, 45(3): 82 (1988)—U.S.S.R. (Crimea).
malacitanum (Rivas Goday) T.R. Dudley in *Feddes Repert.*, 97(3-4): 140 (1986): A. *serpyllifolium* subsp. *malacitanum*.
medium A.P. Il'yins'ka in *Ukr. Bot. Zhurn.*, 45(3): 84 (1988)—U.S.S.R. (Ukraine).
micropetalum Fisch. ex Hornem., *Hort. Hafn., Suppl.*: 70 (1819); cf. D.J. Mabberley in *Taxon*, 33(3): 436 (1984)—Locality not stated.
nebrodense
subsp. tenuicaule P. Hartvig in *A. Strid (ed.)*, *Mount. Fl. Greece*, 1: 300 (1986)—Greece.
pintodasilvae T.R. Dudley in *Feddes Repert.*, 97(3-4): 136 (1986)—Portugal.
samium T.R. Dudley & D. Christodoulakis in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 433 (1988 publ. 1989)—East Aegean Is.

ALYXIA (Apocynac.).

- ser. Bracteolosa* A.C. Smith in *Fl. Vitiensis Nova*, 4: 56 (1988).
samoensis (Christophersen) A.C. Smith in *Fl. Vitiensis Nova*, 4: 68 (1988): A. *erythrosperma* var. *samoensis*.
stellata
var. amoena (A.C. Sm.) A.C. Smith in *Fl. Vitiensis Nova*, 4: 58 (1988): A. *amoena*.
taiwanensis S.Y. Lu & Y.P. Yang in *Bot. Bull. Acad. Sin.*, n.s., 19(2): 195 (1978)—Taiwan.

AMARANTHUS (Amaranthac.).

- blitum*
subsp. emarginatus (Moq. ex Uline & Bray) Carretero, F. Muñoz Garmendia & J. Pedrol in *An. Jard. Bot. Madrid*, 44(2): 599 (1987): A. *emarginatus*.
caudatus
subsp. saueri V. Jehlík in *Preslia*, 62(2): 164 (1990)—Czechoslovakia.
congestus C.C. Townsend in *Kew Bull.*, 43(1): 103 (1988)—Venezuela.
emarginatus
subsp. pseudogracilis (Thell.) G. Hügin in *Willdenowia*, 16(2): 463 (1987): A. *lividus* f. *pseudogracilis*.
tricolor
var. tristis (Willd.) B.N. Mehrotra, B.S. Aswal & B.S. Bisht, *Companion to Chopra's Gloss. Indian Medicin. Pl.*: 9 (1987), without basionym ref.: A. *tristis*.

AMARYLLIS (Amaryllidac.).

- pyrrhocroa* W. Bull, *Retail List*, 61: 10 (1871)—Brazil.
spathacea (Sims) Sweet, *Hort. Brit.*: 402 (1827); cf. D.J. Mabberley in *Taxon*, 30(1): 15 (1981): *Basionym* not stated.
striatifolia Sweet, *Hort. Brit.*: 402 (1827); cf. D.J. Mabberley in *Taxon*, 30(1): 15 (1981)—Locality not stated.
subbarbata (Hook.) Sweet, *Hort. Brit.*: 403 (1827); cf. D.J. Mabberley in *Taxon*, 30(1): 15 (1981): *Basionym* not stated.

AMBELANIA (Apocynac.).

- occidentalis* J.L. Zarucchi in *Agric. Univ. Wageningen Pap.*, 87(1): 36 (1987 publ. 1988)—Peru, Brazil, Colombia.

AMBERBOA (Compos.).

- libyca* (Viv.) S.A. Alavi in *Fl. Libya*, 107: 267 (1983): *Lacellia libyca*.

AMENTOTAXUS (Taxac.).

- poilanei* (De Ferré & Rouane) D.K. Ferguson in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 11(3): 316 (1989 publ. 1990): A. *yunnanensis* var. *poilanei*.

AMENTOTAXUS :-

- yunnanensis
var. *assamica* (Ferguson) J. Silba in *Phytologia*, 68(1): 25 (1990); A. *assamica*.
- var. *formosana* (Li) J. Silba in *Phytologia*, 68(1): 25 (1990); A. *formosana*.

- AMHERSTIA** Wall. in Taylor & Phillips, *Phil. Mag.*, n.s., 3: 233 (1826); cf. D.J. Mabberley in *Taxon*, 31(1): 67 (1982). **LEGUMINOSAE**. †
- nobilis Wall. in Taylor & Phillips, *Phil. Mag.*, n.s., 3: 223 (1826); cf. D.J. Mabberley in *Taxon*, 31(1): 67 (1982)—Locality not stated.

- AMITOSTIGMA** (Orchidac.).
- keiskeoides (Gagnep.) L.A. Garay & W. Küttredge in *Bot. Mus. Leaflet. Harvard Univ.*, 30(3): (47) 181 (1985 publ. 1986); Habernaria keiskeoides.

- AMMANDRA** (Palmae).
- natalia H. Balslev & A. Henderson in *Syst. Bot.*, 12(4): 501 (1987)—Ecuador.

- AMMANNIA** (Lythrac.).
- auriculata
- f. *indica* (Blatt. & Hall.) H.B. Naithani, *Flow. Pl. India, Nepal & Bhutan*: 172 (1990); A. *senegalensis* f. *indica*.
- incarnata Koen. ex Rottb., *Pl. Hort. Univ. Rar. Prog.*: 9 (1773); cf. D.J. Mabberley in *Taxon*, 33(3): 438 (1984)—Locality not stated.
- prostrata F. Buchanan-Hamilton ex L.W. Dillwyn, *Rev. Hortus Malab.*: 40 (1839); fide D.J. Mabberley in *Taxon*, 26(5-6): 533 (1977), as 'Ammania'—India.
- pubiflora (Koehne) H.J. Hewson in *Fl. Australia*, 18: 321, 100 (1990); *Nesaea lanceolata* var. *pubiflora*.

- AMMOBIUM** (Compos.).
- calyceroides (Cass.) A.A. Anderberg in *Telopea*, 4(1): 134 (1990); *Nablonium calyceroides*.

- AMOMUM** (Zingiberac.).
- borneense (K. Schum.) R.M. Smith in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 337 (1988 publ. 1989); *Zingiber borneense*.
- capsiciforme S.Q. Tong in *Acta Phytotax. Sin.*, 27(4): 282 (1989)—China.
- coriandriodorum S.Q. Tong & Y.M. Xia in *Acta Bot. Yunnanica*, 10(2): 208 (1988)—China.
- epiphyticum R.M. Smith in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 338 (1988 publ. 1989)—Borneo (Sarawak).
- fragile S.Q. Tong in *Acta Phytotax. Sin.*, 27(4): 277 (1989)—China.
- ghaticum K.G. Bhat in *Indian J. Forest.*, 11(4): 322 (1988 publ. 1989)—India.
- glabrum S.Q. Tong in *Acta Phytotax. Sin.*, 27(4): 282 (1989)—China.
- jingxiense D. Fang & D.H. Qin in *Acta Phytotax. Sin.*, 27(6): 461 (1989)—China.
- kinabaluense R.M. Smith in *Notes Roy. Bot. Gard. Edinburgh*, 44(2): 233 (1987)—Borneo (Sabah).
- mioga C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 51 (1784)—Japan. †
- paratsao-ko S.Q. Tong & Y.M. Xia in *Acta Bot. Yunnanica*, 10(2): 207 (1988)—China.
- purpureorubrum S.Q. Tong & Y.M. Xia in *Acta Bot. Yunnanica*, 10(2): 207 (1988)—China.
- quadratolaminare S.Q. Tong in *Acta Phytotax. Sin.*, 27(4): 279 (1989), as 'quadrato-laminare'—China.
- thysanochililum S.Q. Tong & Y.M. Xia in *Acta Bot. Yunnanica*, 10(2): 205 (1988)—China.
- verrucosum S.Q. Tong in *Acta Phytotax. Sin.*, 27(4): 280 (1989)—China.
- yingjiangense S.Q. Tong & Y.M. Xia in *Acta Bot. Yunnanica*, 10(2): 210 (1988)—China.
- yunnanense S.Q. Tong in *Acta Bot. Yunnanica*, 12(2): 151 (1990)—China.

- AMOORA** (Meliac.).
- tsangii (Merr.) X.M. Chen in *J. Wuhan Bot. Res.*, 4(2): 180 (1986); *Aglaia tsangii*.

- AMORIA** (Legumin.).
- bobrovii (Chalilov) Yu.R. Roskov in *Bot. Zhurn.*, 75(5): 719 (1990); *Trifolium bobrovii*.

AMORIA :-

- bonannii (C. Presl) Yu.R. Roskov in *Bot. Zhurn.*, 75(5): 719 (1990); *Trifolium bonannii*.
- bordzilowskyi (Grossh.) Yu.R. Roskov in *Bot. Zhurn.*, 75(5): 719 (1990); *Trifolium bordzilowskyi*.
- egressica (Micheev & Magul.) Yu.R. Roskov in *Bot. Zhurn.*, 75(5): 719 (1990); *Trifolium egressicum*.
- elizabethae (Grossh.) Yu.R. Roskov in *Bot. Zhurn.*, 75(5): 719 (1990); *Trifolium elizabethae*.
- fragifera (L.) Yu.R. Roskov in *Bot. Zhurn.*, 75(5): 719 (1990); *Trifolium fragiferum*.
- glomerata (L.) R.M. Burton, *Fl. London Area*: 225 (1983); *Trifolium glomeratum*.
- physodes (Stev. ex Bieb.) Yu.R. Roskov in *Bot. Zhurn.*, 75(5): 719 (1990); *Trifolium physodes*.
- raddeana (Trautv.) Yu.R. Roskov in *Bot. Zhurn.*, 75(5): 719 (1990); *Trifolium raddeanum*.
- resupinata (L.) Yu.R. Roskov in *Bot. Zhurn.*, 75(5): 720 (1990); *Trifolium resupinatum*.
- ruprechtii (Tamamsch. & Fed.) Yu.R. Roskov in *Bot. Zhurn.*, 75(5): 719 (1990); *Trifolium ruprechtii*.
- spumosa (L.) Yu.R. Roskov in *Bot. Zhurn.*, 75(5): 719 (1990); *Trifolium spumosum*.
- suffocata (L.) R.M. Burton, *Fl. London Area*: 225 (1983); *Trifolium suffocatum*.
- suffocata (L.) Yu.R. Roskov in *Bot. Zhurn.*, 75(5): 720 (1990), isonym: *Trifolium suffocatum*.
- talsyichensis (Chalilov) Yu.R. Roskov in *Bot. Zhurn.*, 75(5): 720 (1990); *Trifolium talsyichense*.
- tomentosa (L.) Yu.R. Roskov in *Bot. Zhurn.*, 75(5): 720 (1990); *Trifolium tomentosum*.
- tumens (Stev. ex Bieb.) Yu.R. Roskov in *Bot. Zhurn.*, 75(5): 720 (1990); *Trifolium tumens*.
- vesiculosa (Savi) Yu.R. Roskov in *Bot. Zhurn.*, 75(5): 719 (1990); *Trifolium vesiculosum*.

- AMORPHA** (Legumin.).
- herbacea
- var. *crenulata* (Rydberg) D. Isely in *Sida*, 11(4): 433 (1986); A. *crenulata*.

- AMORPHOPHALLUS** (Arac.).
- bannanensis H. Li in *J. Wuhan Bot. Res.*, 6(3): 209 (1988)—China.
- coaetaneus S.Y. Liu & S.J. Wei in *Guihaia*, 6(3): 183 (1986)—China.
- coudercii (Bogner) J. Bogner in *Aroideana*, 8(3): 75 (1985 publ. 1986); *Plesmonium coudercii*.
- eburneus J. Bogner in *Willdenowia*, 18(2): 441 (1989)—Borneo (Sarawak).
- nanus H. Li & C.L. Long in *Aroideana*, 11(1): 8 (1988 publ. 1989)—China.
- nicolsonianus M. Sivadasan in *Pl. Syst. Evol.*, 153(3-4): 165 (1986)—India.
- pingbianensis H. Li & C.L. Long in *Aroideana*, 11(1): 4 (1988 publ. 1989)—China.
- smithsonianus M. Sivadasan in *Willdenowia*, 18(2): 435 (1989)—India.
- ximengensis H. Li in *J. Wuhan Bot. Res.*, 6(3): 212 (1988)—China.
- yuloensis H. Li in *J. Wuhan Bot. Res.*, 6(3): 211 (1988)—China.

- AMPELOCALAMUS** (Gramin.).
- naibunensis (Hayata) T.H. Wen in *J. Bamboo Res.*, 6(3): 34 (1987); *Arundinaria naibunensis*.
- yongshanensis J.R. Xue & D.Z. Li in *J. Bamboo Res.*, 6(2): 10 (1987)—China.

- AMPELOCERA** (Ulmac.).
- albertiae C.A. Todzia in *Ann. Missouri Bot. Gard.*, 76(4): 1089 (1989)—Colombia.
- longissima C.A. Todzia in *Ann. Missouri Bot. Gard.*, 76(4): 1096 (1989)—Ecuador.
- macphersonii C.A. Todzia in *Ann. Missouri Bot. Gard.*, 76(4): 1099 (1989)—Panama, Colombia, Venezuela.

- AMPELOCISSUS** (Vitac.).
- araneosa (Dalz.) J.S. Gamble, *Fl. Madras*, 1: 230 (1918); *Cissus araneosa*.
- madulidii A. Latiff in *Blumea*, 33(2): 505 (1988)—Philippine Is.
- wightiana B.V. Shetty & P. Singh in *Kew Bull.*, 44(3): 469 (1989)—India, Sri Lanka.

- AMPELOPSIS** (Vitac.).
- mollifolia W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(4): 21 (1986)—China.

- AMPHIBLEMMA** (Melastomatac.).
- monticola H. Jacques-Félix in *Bull. Mus. Nation. Hist. Nat., B. Adansonie*, Ser. 4, 9(2): 125 (1987), as 'monticole'—Cameroun.

- AMPHIBROMUS** (Gramin.).
- macrorhinus S.W.L. Jacobs & L. Lapinuro in *Telopea*, 2(6): 723 (1986)—Australia (Victoria, New South Wales, S. Australia, W. Australia), Tasmania.
- nervosus (Hook. f.) H.E. Baillon, *Hist. Pl.*, 12: 203 (1893); *Danthonia nervosa*.
- pithogastrus S.W.L. Jacobs & L. Lapinuro in *Telopea*, 2(6): 724 (1986)—Australia (New South Wales, Victoria).
- sinuatus S.W.L. Jacobs & L. Lapinuro in *Telopea*, 2(6): 727 (1986)—Australia (New South Wales, Victoria).
- vickeryae S.W.L. Jacobs & L. Lapinuro in *Telopea*, 2(6): 725 (1986)—Australia (W. Australia).

- AMPHICARPAEA** (Legumin.).
- bracteata
- var. *comosa* (L.) C.F. Reed in *Phytologia*, 63(5): 410 (1987); *Glycine comosa*.
- edgeworthii
- f. *alba* M.H. Lee in *Korean J. Pl. Taxon.*, 13(2): 109 (1983)—Korea.

- AMPHIPETALUM** N.M. Bacigalupo in *Candollea*, 43(1): 409 (1988). **PORTULACACEAE**.
- paraguayense N.M. Bacigalupo in *Candollea*, 43(1): 411 (1988)—Paraguay.

- AMYGDALUS** (Rosac.).
- davidiana
- var. *potanini* (Batal.) T.T. Yü & L.T. Lu in *Fl. Reipubl. Popul. Sin.*, 38: 22 (1986); *Prunus persica* var. *potanini*.
- ferganensis (Kost. & Ryab.) T.T. Yü & L.T. Lu in *Fl. Reipubl. Popul. Sin.*, 38: 20 (1986); *Prunus persica* subsp. *ferganensis*.
- ×iranshahrii M. Khatamsaz in *Iranian J. Bot.*, 4(1): 114 (1988)—Iran. (A. *eburnea* × *scoparia*).
- ×kamiaranensis M. Khatamsaz & Assadi in *Iranian J. Bot.*, 4(1): 113 (1988)—Iran. (A. *hausknechtii* × *scoparia*).
- mira (Koehne) T.T. Yü & L.T. Lu in *Fl. Reipubl. Popul. Sin.*, 38: 23 (1986); *Prunus mira*.
- ×mozaftarianii M. Khatamsaz in *Iranian J. Bot.*, 4(1): 114 (1988)—Iran. (A. *brahuica* × *scoparia*).
- persica
- var. *aganonucipersica* (Schubler & Martens) T.T. Yü & L.T. Lu in *Fl. Reipubl. Popul. Sin.*, 38: 18 (1986); A. *persica* s. *aganonucipersica*.
- var. *compressa* (Loud.) T.T. Yü & L.T. Lu in *Fl. Reipubl. Popul. Sin.*, 38: 19 (1986); *Persica vulgaris* var. *compressa*.
- var. *scleronucipersica* (Schubler & Martens) T.T. Yü & L.T. Lu in *Fl. Reipubl. Popul. Sin.*, 38: 19 (1986); A. *persica* η *scleronucipersica*.
- var. *scleropersica* (Reich.) T.T. Yü & L.T. Lu in *Fl. Reipubl. Popul. Sin.*, 38: 19 (1986); A. *persica* b. *scleropersica*.
- reticulata Runemark ex M. Khatamsaz in *Iranian J. Bot.*, 3(1): 78 (1985)—Iran.
- ×rhodia K. Browicz in *Ann. Mus. Goulandris*, 7: 34 (1986)—Rhodes. (A. *communis* × *graeca*).
- nothovar. *elongata* K. Browicz in *Ann. Mus. Goulandris*, 7: 36 (1986)—Rhodes.
- spinosissima A. Bunge, *Beitr. Fl. Russl.*: 106 (1852)—U.S.S.R. (Middle Asia). †
- ×yasujensis M. Khatamsaz in *Iranian J. Bot.*, 4(1): 116 (1988), contrary to Art. H.5.2 ICBN (1988)—Iran. (A. *elaegnifolia* subsp. *elaegnifolia* × *scoparia*).

- AMYRIS** (Rutac.).
- heptaphylla Roxb. ex DC., *Prodromus*, 2: 82 (1825); cf. D.J. Mabberley in *Taxon*, 26(5-6): 525 (1977)—India.
- metopiodes T.A. Zanoni & M.M. Mejia P. in *Moscossa*, 4: 125 (1986)—Hispaniola (Dominican Republic).

- AMYRIS** :-
punctata Roxb. ex H.T. Colebrooke in *Trans. Linn. Soc.*, 15: 366 (1827); cf. D.J. Mabberley in *Taxon*, 26(5-6): 524 (1977)—India.
- ANABASIS** (Chenopodiaceae).
sect. Ebracteolatae U. Prato in *Uzb. Biol. Zhurn.*, 1976(3): 49 (1976).
- ANACAMPSEROS** (Portulacaceae).
bayeriana S. Hammer in *Cact. Succ. J. (U.S.A.)*, 60(5): 215 (1988)—South Africa (Cape Province).
- × **ANACAMPTORCHIS** (Orchidaceae).
vanlookenii C. Bernard & G. Fabre in *Orchidophile*, 78: 1345 (1987), as 'van lookenii'—France. (*Anacamptis pyramidalis* × *Orchis papilionacea*).
- ANACARDIUM** (Anacardiaceae).
cassuvium F. Buchanan-Hamilton in *Mem. Wern. Soc.*, 5: 365 (1826), nom. superfl. illegit.; fide D.J. Mabberley in *Taxon*, 26(5-6): 529 (1977)—India.
cuneifolium F. Buchanan-Hamilton in *Mem. Wern. Soc.*, 5: 366 (1826); fide D.J. Mabberley in *Taxon*, 26(5-6): 529 (1977)—India.
fruticosum J.D. Mitchell & S.A. Mori in *Mem. New York Bot. Gard.*, 42: 54 (1987)—Guyana.
semecarpus F. Buchanan-Hamilton in *Mem. Wern. Soc.*, 5: 365 (1826); fide D.J. Mabberley in *Taxon*, 26(5-6): 529 (1977)—India.
- ANACHEILUM** (Orchidaceae).
lindenii (Lindl.) E. Hägsater in *R. Escobar R. (ed.) Native Colombian Orchids*, 1: 28 (1990): *Epidendrum lindenii*.
sceptrum (Lindl.) E. Hägsater in *R. Escobar R. (ed.) Native Colombian Orchids*, 1: 28 (1990): *Epidendrum sceptrum*.
- ANACYCLUS** (Compos.).
anthemoides (L.) Lag., *Elenchus*: 2 (1816); cf. D.J. Mabberley in *Taxon*, 31(1): 69 (1982): *Basionym* not stated.
pyrethrum (L.) Lag., *Elenchus*: 2 (1816); cf. D.J. Mabberley in *Taxon*, 31(1): 69 (1982): *Basionym* not stated.
- ANAGALLIS** (Primulaceae).
 × *hadidii* J. Chrtěk & J. Osbornová-Kosimová in *Folia Geobot. Phytotax.*, 21(4): 413 (1986)—Egypt. (*A. arvensis* var. *arvensis* × *latifolia*).
- ANAPHALIS** (Compos.).
himachalensis B.S. Aswal & A.K. Goel in *Nordic J. Bot.*, 8(4): 337 (1988)—India.
keriensis (Cunn.) C.J. Webb in *New Zealand J. Bot.*, 25(1): 147 (1987): *Gnaphalium keriensis*.
latifolia G.K. Kinzikaeva & T.I. Vainberg in *Fl. Tadzhikskoi SSR*, 9: 528, 281 (1988)—U.S.S.R. (Middle Asia).
roseoalba
 var. *siomensis* G.K. Kinzikaeva & T.I. Vainberg in *Fl. Tadzhikskoi SSR*, 9: 527 (1988)—U.S.S.R. (Middle Asia).
rupestris C.J. Webb in *New Zealand J. Bot.*, 25(1): 147 (1987), nom. nov.: *Gnaphalium hookeri Allan. sarawachanica*
 var. *polyccephala* G.K. Kinzikaeva & T.I. Vainberg in *Fl. Tadzhikskoi SSR*, 9: 527 (1988)—U.S.S.R. (Middle Asia).
sinica
 var. *yakusimensis* (Masamune) T. Yahara in *J. Fac. Sci. Univ. Tokyo, Bot.*, 14(2): 112 (1987): *A. yakusimensis*.
subrigida (Colenso) C.J. Webb in *New Zealand J. Bot.*, 25(1): 147 (1987): *Gnaphalium subrigidum*.
subtilis G.K. Kinzikaeva & T.I. Vainberg in *Fl. Tadzhikskoi SSR*, 9: 527, 278 (1988)—U.S.S.R. (Middle Asia).
- ANAPHYLLOPSIS** A. Hay in *Aroideana*, 11(1): 25 (1988 publ. 1989). **ARACEAE**.
americana (Engler) A. Hay in *Aroideana*, 11(1): 26 (1988 publ. 1989): *Cyrtosperma americanum*.
curruana A. Hay in *Aroideana*, 11(1): 29 (1988 publ. 1989)—Brazil.
pinnata A. Hay in *Aroideana*, 11(1): 26 (1988 publ. 1989)—Venezuela.
- ANARRHINUM** (Scrophulariaceae).
forskaohlii
 subsp. *abyssinicum* (Jaub. & Spach) D.A. Sutton, *Revis. tribe Antirrhineae*: 260 (1988): *A. abyssinicum*.
 subsp. *pubescens* (Fresen.) D.A. Sutton, *Revis. tribe Antirrhineae*: 258 (1988): *A. pubescens*.
fruticosum
 subsp. *brevifolium* (Cosson & Kralik) D.A. Sutton, *Revis. tribe Antirrhineae*: 257 (1988): *A. brevifolium*.
- ANAX** P. Ravenna in *Phytologia*, 64(3): 215 (1988). **AMARYLLIDACEAE**.
elwesii (Bak.) P. Ravenna in *Phytologia*, 64(3): 216 (1988): *Stenomesson viridiflorum* var. *elwesii*.
mirabilis (Rav.) P. Ravenna in *Phytologia*, 64(3): 216 (1988): *Stenomesson mirabile*.
- ANAXAGOREA** (Annonaceae).
angustifolia A. Timmerman in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 87(3): 298 (1984)—Brazil.
brevipedicellata A. Timmerman in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 87(3): 299 (1984)—Brazil, French Guiana.
floribunda A. Timmerman in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 87(3): 300 (1984)—Peru.
manausensis A. Timmerman in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 87(3): 301 (1984)—Brazil.
rheophytica P.J.M. Maas & L.Y.Th. Westra in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 89(1): 75 (1986)—Venezuela.
rufa A. Timmerman in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 87(3): 301 (1984)—Colombia, Venezuela, Brazil.
- ANAXETON** (Compos.).
lundgrenii B. Nordenstam in *S. Afr. J. Bot.*, 54(6): 631 (1988)—South Africa (Cape Province).
- ANCANA** (Annonaceae).
hirsuta L.W. Jessup in *Austrobaileya*, 3(1): 65 (1989)—Australia (Queensland).
- ANCHUSA** (Boraginaceae).
barrelieri
 subsp. *longisepala* (T. Georg. & Kitan.) St. Kozhukharov in *Fl. Nar. Republ. Bulgariya*, 9: 179 (1989): *A. barrelieri* var. *longisepala*.
milleri Lam. ex Spreng., *Nachtr. Bot. Gart. Univ. Halle*: 11 (1801); cf. D.J. Mabberley in *Taxon*, 32(1): 84 (1983)—Locality not stated.
popovii (Guşul.) D.N. Dobrochaeva in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 120 (1976 publ. 1977): *A. ochroleuca* subsp. *popovii*.
rupestris (Pallas) Sweet, *Hort. Suburb. Lond.*: 30 (1818); cf. D.J. Mabberley in *Taxon*, 31(1): 69 (1982): *Basionym* not stated.
velenovskiyi
 var. *stojanovii* St. Kozhukharov in *Fl. Nar. Republ. Bulgariya*, 9: 506, 171 (1989)—Bulgaria.
- ANCISTRORHYNCHUS** (Orchidaceae).
crystalensis P.J. Cribb & F.M. Van der Laan in *Kew Bull.*, 44(3): 481 (1989)—Gabon.
- ANCYLOSTEMON** (Gesneriaceae).
aureus
 var. *angustifolius* K.Y. Pan in *Acta Phytotax. Sin.*, 26(6): 434 (1988)—China.
gamosepalus K.Y. Pan in *Acta Phytotax. Sin.*, 26(6): 434 (1988)—China.
mairei
 var. *emeiensis* K.Y. Pan in *Acta Phytotax. Sin.*, 26(6): 434 (1988)—China.
rhombifolius K.Y. Pan in *Acta Phytotax. Sin.*, 26(6): 435 (1988)—China.
ronganensis K.Y. Pan in *Acta Phytotax. Sin.*, 26(6): 436 (1988)—China.
- ANDRACHNE** (Euphorbiaceae).
ephemera M.G. Gilbert in *Kew Bull.*, 42(2): 351 (1987)—Ethiopia.
fragilis M.G. Gilbert & M. Thulin in *Nordic J. Bot.*, 8(2): 159 (1988)—Somali Republic.
schweinfurthii
 var. *papillosa* A. Radcliffe-Smith in *Kew Bull.*, 44(3): 447 (1989)—Socotra.
- ANDROCYMBIUM** (Colchicaceae).
exiguum
 subsp. *vogelii* (U. & D. Müller-Doblies) U. & D. Müller-Doblies in *Willdenowia*, 19(2): 460 (1990): *A. vogelii*.
- ANDROGRAPHIS** (Acanthaceae).
monglunensis H.T. Chang & H. Chu in *Acta Sci. Nat. Univ. Sunyatseni*, 28(2): 64 (1989)—China.
- ANDROMEDA** (Ericaceae).
japonica C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 407 (1784)—Japan.†
- ANDROPOGON** (Gramineae).
ciliatus C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 903 (1784)—Japan.†
cotulifer C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 903 (1784)—Japan.†
crinitus C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 903 (1784)—Japan.†
glomeratus
 var. *scabriglumus* C.S. Campbell in *Syst. Bot.*, 11(2): 291 (1986)—U.S.A. (New Mexico).
gyrongensis L. Liou in *Fl. Xizangica*, 5: 329 (1987)—Xizang.
sanguineus
 var. *brevipedicellatus* (Beal) Y. Herrera A. in *Bol. Soc. Bot. Méx.*, 48: 22 (1988 publ. 1989): *A. hirtiflorus* var. *brevipedicellatus*.
 var. *oligostachyus* (Chapm.) Y. Herrera A. in *Bol. Soc. Bot. Méx.*, 48: 22 (1988 publ. 1989): *A. oligostachyus*.
sanlorenzanus T.J. Killeen in *Ann. Missouri Bot. Gard.*, 77(1): 137 (1990)—Bolivia.
serratus C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 903 (1784)—Japan.†
virginicus
 var. *decipiens* C.S. Campbell in *Syst. Bot.*, 11(2): 290 (1986)—U.S.A. (Florida).
- ANDROSACE** (Primulaceae).
subsect. Dasyphyllae Ovcz. ex V.B. Kuvaev in *Bot. Zhurn.*, 72(7): 955 (1987).
sect. Filiformes V.B. Kuvaev & N.M. Pirozhkova in *Bot. Zhurn.*, 72(7): 955 (1987).
sect. Mirabiles (Hand.-Mazz.) Y.C. Yang & R.F. Huang in *Acta Phytotax. Sin.*, 24(3): 219 (1986): *A. subsect. Mirabiles*.
subsect. Oreades Schischk. & Bobr. ex V.B. Kuvaev in *Bot. Zhurn.*, 72(7): 956 (1987), without type.
subsect. Perennes V.B. Kuvaev & N.M. Pirozhkova in *Bot. Zhurn.*, 72(7): 956 (1987).
sect. Pseudodouglasia Ovcz. ex V.B. Kuvaev in *Bot. Zhurn.*, 72(7): 955 (1987).
alaica P.N. Ovchinnikov & S.B. Astanova in *Fl. Tadzhikskoi SSR*, 7: 523, 249 (1984)—U.S.S.R. (Middle Asia).
alashanica
 var. *zadoensis* Y.C. Yang & R.F. Huang in *Acta Phytotax. Sin.*, 24(3): 231 (1986)—China.
amurensis N.S. Probatova in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 2: 155 (1987), nom. nov.: *A. lactiflora* Fisch. ex Duby.
arctisibirica (Korobkov) N.S. Probatova in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 2: 152 (1987): *A. chamaejasme* subsp. *arctisibirica*.
bisulca
 var. *aurata* (Petitm.) Y.C. Yang & R.F. Huang in *Acta Phytotax. Sin.*, 24(3): 228 (1986): *A. aurata*.
cernuiflora Y.C. Yang & R.F. Huang in *Acta Phytotax. Sin.*, 24(3): 230 (1986)—China.
cylindrica
 subsp. *hirtella* (Dufour) W. Greuter & Burdet in *Willdenowia*, 16(2): 452 (1987): *A. hirtella*.
henryi
 subsp. *simulans* C.M. Hu & Y.C. Yang in *Acta Phytotax. Sin.*, 24(3): 218 (1986)—China.
hookeriana
 var. *mairei* (Lévl.) J.X. Yang & Huang in *Fl. Tsinglingensis*, 1(4): 41 (1983): *A. mairei*.
laxa C.M. Hu & Y.C. Yang in *Acta Phytotax. Sin.*, 24(3): 224 (1986)—China.
mediiflora Chen & Y.C. Yang in *Acta Phytotax. Sin.*, 24(3): 216 (1986)—China.
minor (Hand.-Mazz.) C.M. Hu & Y.C. Yang in *Acta Phytotax. Sin.*, 24(3): 222 (1986): *A. rigida* var. *minor*.

ANGRAECUM (Orchidac.).

- borbonicum *J. Bosser in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 10(1): 20 (1988)—Réunion.
 cadetii *J. Bosser in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 9(3): 252 (1987 publ. 1988)—Réunion, Mauritius.
 geniculatum *G. Williamson in Kirkia*, 13(2): 247 (1990)—Zambia.
 letouzeyi *J. Bosser in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 11(4): 374 (1989 publ. 1990)—Madagascar.
 longicalcar (*Bosser*) *K. Senghas in Schlechter Orchideen*, 1(16–18): 1004 (1986): *A. eburneum* var. *longicalcar*.
 marii *D. Geerinck in Bull. Jard. Bot. Nation. Belg.*, 60(1–2): 181 (1990)—Rwanda.
 palmicola *J. Bosser in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 11(4): 376 (1989 publ. 1990), as 'palmicolum'—Madagascar.
 petterssonianum *D. Geerinck in Bull. Jard. Bot. Nation. Belg.*, 60(1–2): 181 (1990)—Rwanda.
 peyrotyi *J. Bosser in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 11(1): 32 (1989)—Madagascar.
 rubellum *J. Bosser in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 10(1): 22 (1988)—Madagascar.

× **ANGRANTHELLEA** hort. in *Orchid Rev.*, 96(1138): centre page pull-out p. 8 (1988). *ORCHIDACEAE*. (*Aeranthes* × *Angraecum* × *Jumellea*).

× **ANGREONIELLA** hort. in *Orchid Rev.*, 95(1119): centre page pull-out p. 8 (1987). *ORCHIDACEAE*. (*Angraecum* × *Oeoniella*).

ANIGOZANTHOS (Haemodorac.).

- sect. *Concatenati* *S.D. Hopper in Fl. Australia*, 45: 455, 118 (1987).
 subsp. *Haplantthesis* (*Benth.*) *S.D. Hopper in Fl. Australia*, 45: 455 (1987): *A. sect. Haplantthesis*.
 bicolor
 subsp. *decrescens* *S.D. Hopper in Fl. Australia*, 45: 455, 123 (1987)—Australia (W. Australia).
 subsp. *exstans* *S.D. Hopper in Fl. Australia*, 45: 455, 122 (1987)—Australia (W. Australia).
 subsp. *minor* (*Benth.*) *S.D. Hopper in Fl. Australia*, 45: 455 (1987): *A. bicolor* var. *minor*.
 humilis
 subsp. *chrysanthus* *S.D. Hopper in Fl. Australia*, 45: 456, 120 (1987)—Australia (W. Australia).
 manglesii
 subsp. *quadrans* *S.D. Hopper in Fl. Australia*, 45: 456, 125 (1987)—Australia (W. Australia).
 viridis
 subsp. *terraspectans* *S.D. Hopper in Fl. Australia*, 45: 456, 124 (1987)—Australia (W. Australia).

ANISACANTHUS (Acanthac.).

- quadrifidus
 var. *brevilobus* (*Hagen*) *J. Henrickson in Sida*, 11(3): 298 (1986): *A. wrightii* var. *brevilobus*.
 var. *potosinus* *J. Henrickson in Sida*, 11(3): 296 (1986)—Mexico.
 var. *wrightii* (*Torr.*) *J. Henrickson in Sida*, 11(3): 296 (1986): *Drejera wrightii*.

ANISEIA (Convolvulac.).

- stenantha
 var. *macrostephana* *Y.H. Zhang in Acta Phytotax. Sin.*, 24(2): 155 (1986)—China.

ANISOPAPPUS (Compos.).

- bampsianus *S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 56(1–2): 199 (1986)—Zaire.
 burundensis *S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 58(1–2): 259 (1988)—Burundi.
 lawalreanus *S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 56(1–2): 200 (1986)—Zaire.
 lejolyanus *S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 56(3–4): 370 (1986)—Zaire.
 petitianus *S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 56(1–2): 202 (1986)—Zaire.
 robynsianus *S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 56(3–4): 369 (1986)—Zaire.
 upembensis *S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 56(3–4): 371 (1986)—Zaire.

ANISOPHYLLEA (Anisophylleac.).

- myriosticta *J.-J. Floret in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(4): 373 (1986 publ. 1987)—Nigeria, Cameroun, Congo - Brazzaville, Gabon.
 polyneura *J.-J. Floret in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(4): 377 (1986 publ. 1987)—Gabon, Cameroun, Congo - Brazzaville, Nigeria, Zaire.

ANISOTHRIX (Compos.).

- integra (*Compton*) *A.A. Anderberg in Bot. Jahrb.*, 109(3): 370 (1988): *Iphiona integra*.

ANISOTOME (Umbellif.).

- procumbens (*F. Muell.*) *C.J. Webb in B.A. Barlow (ed.), Fl. & Fauna Alp. Australasia*: 395 (1986): *Gingidium procumbens*.

ANNA (Gesneriac.).

- mollifolia (*W.T. Wang*) *W.T. Wang & K.Y. Pan in Fl. Reipubl. Popul. Sin.*, 69: 487 (1990): *Lysionotus mollifolius*.

ANNESLEA (Theac.).

- paradoxa *Nguyen Huu Hien & G.P. Yakovlev in Bot. Zhurn.*, 71(8): 1120 (1986)—Vietnam.

ANNICKIA A.K. van Setten & P.J.M. Maas in *Taxon*, 39(4): 678, 681 (1990), nom. nov.: gen *Enantia* D. Oliver (Annonac.).

- ambigua (*Robyns & Ghesquière*) *A.K. van Setten & P.J.M. Maas in Taxon*, 39(4): 676 (1990): *Enantia ambigua*.
 atrocyanescens (*Robyns & Ghesquière*) *A.K. van Setten & P.J.M. Maas in Taxon*, 39(4): 676 (1990): *Enantia atrocyanescens*.
 chloranथा (*Oliver*) *A.K. van Setten & P.J.M. Maas in Taxon*, 39(4): 676 (1990): *Enantia chlorantha*.
 kummeriae (*Engler & Diels*) *A.K. van Setten & P.J.M. Maas in Taxon*, 39(4): 676 (1990): *Enantia kummeriae*.
 kwiluensis (*Robyns & Ghesquière*) *A.K. van Setten & P.J.M. Maas in Taxon*, 39(4): 676 (1990): *Enantia kwiluensis*.
 lebrunii (*Robyns & Ghesquière*) *A.K. van Setten & P.J.M. Maas in Taxon*, 39(4): 676 (1990): *Enantia lebrunii*.
 letestui (*Le Thomas*) *A.K. van Setten & P.J.M. Maas in Taxon*, 39(4): 676 (1990): *Enantia letestui*.
 olivacea (*Robyns & Ghesquière*) *A.K. van Setten & P.J.M. Maas in Taxon*, 39(4): 676 (1990): *Enantia olivacea*.
 pilosa (*Exell*) *A.K. van Setten & P.J.M. Maas in Taxon*, 39(4): 676 (1990): *Enantia pilosa*.
 polycarpa (*A.P. de Candolle*) *A.K. van Setten & P.J.M. Maas in Taxon*, 39(4): 676 (1990): *Unona polycarpa*.

ANNONA (Annonac.).

- cherimola *Miller, Gard. Dict.*, ed. 8, without page no. (1768)—Peru.†

ANODA (Malvac.).

- sect. *Clausanoda* *P.A. Fryxell in Aliso*, 11(4): 490 (1987).
 sect. *Liberanoda* *P.A. Fryxell in Aliso*, 11(4): 489 (1987).
 sect. *Pseudanoda* *P.A. Fryxell in Aliso*, 11(4): 489 (1987).
 albiflora *P.A. Fryxell in Aliso*, 11(4): 493 (1987)—Cultivation ex Mexico.
 guatemalensis *P.A. Fryxell in Aliso*, 11(4): 498 (1987)—Guatemala.
 hintoniorum *P.A. Fryxell in Aliso*, 11(4): 500 (1987)—Mexico.
 hirta *P.A. Fryxell in Aliso*, 11(4): 502 (1987)—Mexico.
 leonensis *P.A. Fryxell in Aliso*, 11(4): 504 (1987)—Mexico.
 maculata *P.A. Fryxell in Aliso*, 11(4): 506 (1987)—Mexico.
 palmata *P.A. Fryxell in Aliso*, 11(4): 507 (1987)—Mexico.
 polygyna *P.A. Fryxell in Aliso*, 11(4): 512 (1987)—Mexico.
 speciosa *P.A. Fryxell in Aliso*, 11(4): 516 (1987)—Mexico.

ANODA :-

- succulenta *P.A. Fryxell in Aliso*, 11(4): 518 (1987)—Mexico.
 zuccagnii (*Sprengel*) *P.A. Fryxell in Aliso*, 11(4): 519 (1987): *Sida zuccagnii*.

ANOECTOCHILUS (Orchidac.).

- luzonensis (*Ames*) *J.J. Wood in Kew Bull.*, 41(4): 815 (1986): *Adenostylis luzonensis*.
 petola (*Lindl.*) *Hereman, Paxt. Bot. Dict.*: 600 (1868); cf. *D.J. Mabberley in Taxon*, 32(1): 87 (1983): *Macodes petola*.
 zhejiangensis *Z. Wei & Y.B. Chang in Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 39 (1989)—China.

ANOMACANTHUS (Acanthac.).

- congolanus (*De Wild. & T. Durand*) *R.K. Brummitt in Kew Bull.*, 45(4): 710 (1990): *Gilletiella congolana*.

ANOMANTHODIA (Rubiac.).

- alveolata (*Elmer*) *D.D. Tirvengadam in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(3): 279 (1986): *Randia alveolata*.
 bakeri (*Merr.*) *D.D. Tirvengadam in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(3): 279 (1986): *Randia bakeri*.
 dilleniacea (*Baillon*) *D.D. Tirvengadam in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(3): 277 (1986): *Randia dilleniacea*.
 lancifolia (*Wong*) *D.D. Tirvengadam in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(3): 279 (1986): *Aidia lancifolia*.

ANOMATHECA (Iridac.).

- capitata (*Ker*) *De Vriese, Hort. Spaarn-Berg.*: 5 (1839); cf. *D.J. Mabberley in Taxon*, 33(3): 441 (1984): *Aristea capitata*.

ANREDERA (Basellac.).

- scandens *Sm. in Rees, Cyclop.*, 39(1): *Anredera* n. 1 (1818); cf. *D.J. Mabberley in Taxon*, 32(1): 81 (1983)—Locality not stated.

ANSELLIA (Orchidac.).

- africana
 subsp. *australis* (*Summerh.*) *K. Senghas in Schlechter Orchideen*, 1(23): 1454 (1990): *A. africana* var. *australis*.
 gigantea
 subsp. *nilotica* (*N.E. Br.*) *K. Senghas in Schlechter Orchideen*, 1(23): 1455 (1990): *A. nilotica*.

ANTENNARIA (Compos.).

- friesiana
 subsp. *beringensis* *V.V. Petrovskii in Novosti Sist. Vyssh. Rast.*, 23: 193 (1986)—U.S.S.R. (Soviet Far East).
 subsp. *pseudoisolepis* *V.V. Petrovskii in Novosti Sist. Vyssh. Rast.*, 23: 194 (1986)—U.S.S.R. (Soviet Far East).
 howellii
 subsp. *canadensis* (*Greene*) *R.J. Bayer in Brittonia*, 41(4): 397 (1989): *A. canadensis*.
 subsp. *neodioica* (*Greene*) *R.J. Bayer in Brittonia*, 41(4): 397 (1989): *A. neodioica*.
 subsp. *petaloidea* (*Fern.*) *R.J. Bayer in Brittonia*, 41(4): 397 (1989): *A. neodioica* var. *petaloidea*.
 margaritacea (*L.*) *Sweet, Hort. Brit.*: 221 (1826); cf. *D.J. Mabberley in Taxon*, 30(1): 15 (1981): *Basionym* not stated.
 plantaginea *Sweet, Hort. Brit.*: 221 (1826); cf. *D.J. Mabberley in Taxon*, 30(1): 15 (1981)—Locality not stated.
 pseudoarenicola *V.V. Petrovskii in Novosti Sist. Vyssh. Rast.*, 23: 195 (1986)—U.S.S.R. (Soviet Far East).
 pulcherrima
 var. *anaphaloides* (*Rydb.*) *G.W. Douglas in Canad. J. Bot.*, 64(11): 2726 (1986): *A. anaphaloides*.
 roezlii *Huber, Cat. Gén. 1871 & 1872*: 3 (1871); cf. *D.J. Mabberley in Taxon*, 34(3): 453 (1985)—Locality not stated.
 rosea
 subsp. *arida* (*E. Nels.*) *R.J. Bayer in Brittonia*, 41(1): 57 (1989): *Antennaria arida*.
 subsp. *confinis* (*Greene*) *R.J. Bayer in Brittonia*, 41(1): 57 (1989): *A. confinis*.
 subsp. *pulvinata* (*Greene*) *R.J. Bayer in Brittonia*, 41(1): 59 (1989): *A. pulvinata*.

- ANTERIORCHIS** E. Klein & D. Strack in *Phytochemistry*, 28(8): 2136 (1989). **ORCHIDACEAE**.
coriophora (L.) E. Klein & D. Strack in *Phytochemistry*, 28(8): 2137 (1989): *Orchis coriophora*.
sancta (L.) E. Klein & D. Strack in *Phytochemistry*, 28(8): 2137 (1989): *Orchis sancta*.
- ANTHAENANTIOPSIS** (Gramin.).
racemosa S.A. Renvoize in *Kew Bull.*, 42(4): 924 (1987)—Brazil.
- ANTHEMIS** (Compos.).
altissima
var. discoidea M. Iranshahr in *Fl. Iran.*, 158: 24 (1986), without latin descr.—Iran.
caucasica N.S. Khandzhyan in *Novosti Sist. Vyssh. Rast.*, 26: 161 (1989), nom. nov.: *A. Biebersteiniana* γ . *pectinata* Boiss.
cretica
subsp. carpatica (Willd.) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 90 (1987 publ. 1988): *A. carpatica*.
subsp. chrysocephala (Boiss.) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 90 (1987 publ. 1988): *A. montana* var. *chrysocephala*.
subsp. columnae (Ten.) R. Franzén in *Willdenowia*, 16(1): 40 (1986): *A. montana* var. *columnae*.
var. mariae (Sennen) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 90 (1987 publ. 1988), without basionym date: *A. mariae*.
var. mariae (Sennen) O. de Bolòs & J. Vigo ex F. Muñoz Garmendia & J. Pedrol in *An. Jard. Bot. Madrid*, 45(2): 587 (1988 publ. 1989): *A. mariae*.
subsp. subcinerea (Rouy) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 90 (1987 publ. 1988): *A. montana* var. *subcinerea*.
var. subcinerea (Rouy) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 90 (1987 publ. 1988): *A. montana* var. *subcinerea*.
var. subscaposa (Rouy) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 90 (1987 publ. 1988): *A. montana* var. *subscaposa*.
laconica R. Franzén in *Willdenowia*, 16(1): 41 (1986)—Greece.
maritima
subsp. bolosii C. Benedí González & J. Molero Briones in *Fontqueria*, 28: 1 (1990)—Algeria.
triumfetta
subsp. cossoniana (Rech. f.) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 90 (1987 publ. 1988): *A. cossoniana*.
subsp. decumbens M. Iranshahr in *Fl. Iran.*, 158: 21 (1986)—Iran.
subsp. khorasanica (Rech. f.) M. Iranshahr in *Fl. Iran.*, 158: 20 (1986): *A. khorasanica*.
- ANTHERICUM** (Anthericac.).
collinum P. Ravenna in *Onira, Bot. Leaflet*, 1(3): 26 (1988)—Peru.
glareosum P. Ravenna in *Onira, Bot. Leaflet*, 1(3): 29 (1988)—Peru.
japonicum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 331 (1784)—Japan.
machupiccense P. Ravenna in *Onira, Bot. Leaflet*, 1(3): 27 (1988)—Peru.
pratense P. Ravenna in *Onira, Bot. Leaflet*, 1(3): 25 (1988)—Bolivia.
ticsanianum P. Ravenna in *Onira, Bot. Leaflet*, 1(3): 28 (1988)—Peru.
tunarianum P. Ravenna in *Onira, Bot. Leaflet*, 1(3): 24 (1988)—Bolivia.
- ANTHOCHORTUS** (Restionac.).
capensis E.E. Esterhuysen in *Bothalia*, 15(3-4): 484 (1985)—South Africa (Cape Province).
crinalis (Mast.) H.P. Linder in *Bothalia*, 15(3-4): 486 (1985): *Restio crinalis*.
graminifolius (Kunth) H.P. Linder in *Bothalia*, 15(3-4): 486 (1985): *Restio graminifolius*.
insignis (Mast.) H.P. Linder in *Bothalia*, 15(3-4): 487 (1985): *Phyllocomos insignis*.
laxiflorus (Nees) H.P. Linder in *Bothalia*, 15(3-4): 487 (1985): *Hypolaena laxiflora*.
singularis E.E. Esterhuysen in *S. Afr. J. Bot.*, 56(4): 454 (1990)—South Africa (Cape Province).
- ANTHOLYZA** (Iridac.).
bicolor Gasp. ex Vis., *Ort. Bot. Padova*: 56, 134 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 441 (1984)—Locality not stated.
- ANTHOPTERUS** (Ericac.).
ecuadorensis J.L. Luteyn in *Op. Bot.*, 92: 113 (1987)—Ecuador.
verticillatus J.L. Luteyn in *Op. Bot.*, 92: 110 (1987)—Ecuador.
- ANTHOSPERMUM** (Rubiac.).
basuticum C. Puff in *Fl. S. Afr.*, 31(1:2): 20 (1986)—Lesotho, South Africa (Cape Province, Orange Free State, Natal).
bicornis C. Puff in *Fl. S. Afr.*, 31(1:2): 36 (1986)—South Africa (Cape Province).
comptonii C. Puff in *Fl. S. Afr.*, 31(1:2): 32 (1986)—South Africa (Cape Province).
dregei
subsp. ecklonis (Sond.) C. Puff in *Fl. S. Afr.*, 31(1:2): 32 (1986): *A. ecklonis*.
esterhuysenianum C. Puff in *Fl. S. Afr.*, 31(1:2): 33 (1986)—South Africa (Cape Province).
var. hirsutum C. Puff in *Fl. S. Afr.*, 31(1:2): 33 (1986)—South Africa (Cape Province).
galioides
subsp. reflexifolium (Kuntze) C. Puff in *Fl. S. Afr.*, 31(1:2): 30 (1986): *A. aethiopicum* var. *reflexifolium*.
ibityense C. Puff, *Biosyst. Study African & Madagascar Rubiac.-Anthosperm.* (Pl. Syst. Evol., Supp. 3): 298 (1986)—Madagascar.
isaloense Homolle ex C. Puff, *Biosyst. Study African & Madagascar Rubiac.-Anthosperm.* (Pl. Syst. Evol., Supp. 3): 218 (1986)—Madagascar.
longisepalum Homolle ex C. Puff, *Biosyst. Study African & Madagascar Rubiac.-Anthosperm.* (Pl. Syst. Evol., Supp. 3): 299 (1986)—Madagascar.
madagascariense Homolle ex C. Puff, *Biosyst. Study African & Madagascar Rubiac.-Anthosperm.* (Pl. Syst. Evol., Supp. 3): 215 (1986)—Madagascar.
monticola C. Puff in *Fl. S. Afr.*, 31(1:2): 19 (1986)—South Africa (Cape Province, Orange Free State, Natal), Lesotho.
palustre Homolle ex C. Puff, *Biosyst. Study African & Madagascar Rubiac.-Anthosperm.* (Pl. Syst. Evol., Supp. 3): 324 (1986)—Madagascar.
perrieri Homolle ex C. Puff, *Biosyst. Study African & Madagascar Rubiac.-Anthosperm.* (Pl. Syst. Evol., Supp. 3): 280 (1986)—Madagascar.
pumilum
subsp. rigidum (Eckl. & Zeyh.) C. Puff in *Fl. S. Afr.*, 31(1:2): 26 (1986): *A. rigidum*.
rigidum
subsp. pumilum (Sond.) C. Puff in *Fl. Zambes.*, 5(1): 158 (1989): *A. pumilum*.
spathulatum
subsp. ecklonianum (Cruse) C. Puff in *Fl. S. Afr.*, 31(1:2): 18 (1986): *A. aethiopicum* var. *ecklonianum*.
subsp. saxatile C. Puff in *Fl. S. Afr.*, 31(1:2): 18 (1986)—South Africa (Cape Province).
subsp. tulbaghense C. Puff in *Fl. S. Afr.*, 31(1:2): 19 (1986)—South Africa (Cape Province).
subsp. uitenhagense C. Puff in *Fl. S. Afr.*, 31(1:2): 17 (1986)—South Africa (Cape Province).
streyi C. Puff in *Fl. S. Afr.*, 31(1:2): 28 (1986)—South Africa (Natal).
ternatum
subsp. randii (S. Moore) C. Puff, *Biosyst. Study African & Madagascar Rubiac.-Anthosperm.* (Pl. Syst. Evol., Supp. 3): 285 (1986): *A. randii*.
thymoides
subsp. antsirabense C. Puff, *Biosyst. Study African & Madagascar Rubiac.-Anthosperm.* (Pl. Syst. Evol., Supp. 3): 328 (1986)—Madagascar.
villosicarpum (Verdc.) C. Puff, *Biosyst. Study African & Madagascar Rubiac.-Anthosperm.* (Pl. Syst. Evol., Supp. 3): 292 (1986): *A. herbaceum* var. *villosicarpum*.
zimbabwense C. Puff, *Biosyst. Study African & Madagascar Rubiac.-Anthosperm.* (Pl. Syst. Evol., Supp. 3): 201 (1986)—Zimbabwe, Mozambique.
- ANTHOTIUM** (Goodeniac.).
junciforme (Vriese) D.A. Morrison in *Nuytsia*, 7(1): 55 (1989): *Goodenia junciformis*.
- ANTHOXANTHUM** (Gramin.).
japonicum
subsp. luzoniense (Merrill) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 486 (1987): *A. luzoniense*.
latifolium B.S. Sun & S. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(4): 16 (1990)—China.
var. purpurascens B.S. Sun & S. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(4): 17 (1990)—China.
odoratum
subsp. furumii (Honda) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 486 (1987): *A. nipponicum* var. *furumii*.
- ANTHURIUM** (Arac.).
alticola T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):29* (1986)—Panama, Colombia.
angustilobum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):33* (1986)—Panama.
antonioanum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):34* (1986)—Panama.
aroense G.S. Bunting in *Phytologia*, 60(5): 293 (1986)—Venezuela.
barryi T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):36* (1986)—Panama.
bernardii T.B. Croat in *Aroideana*, 8(4): 120 (1985 publ. 1986)—Venezuela.
berryi G.S. Bunting in *Phytologia*, 60(5): 293 (1986)—Venezuela.
betanianum T.B. Croat in *Aroideana*, 9(1-4): 9 (1986)—Venezuela.
bicollectivum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):37* (1986)—Panama.
bonplandii
subsp. cuatrecasii T.B. Croat in *Aroideana*, 9(1-4): 11 (1986), as 'cuatrecasii'—Venezuela, Colombia.
subsp. rionegrense G.S. Bunting in *Phytologia*, 64(6): 459 (1988)—Venezuela.
brevispadii T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):40* (1986)—Panama.
caloveboranum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):42* (1986)—Panama.
caraboboense T.B. Croat in *Aroideana*, 9(1-4): 14 (1986)—Venezuela.
cartiense T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):44* (1986)—Panama.
cataniapoense T.B. Croat in *Aroideana*, 9(1-4): 18 (1986)—Venezuela.
cerropirrense T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):47* (1986)—Panama.
chorranum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):49* (1986)—Panama.
chromostachyum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):50* (1986)—Panama.
cineraceum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):52* (1986)—Colombia, Panama.
cineropetiolatum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):53* (1986)—Panama, ?Colombia.
collinsii T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):59* (1986)—Panama.
colonense T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):60* (1986)—Panama.
coloradense T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):64* (1986)—Panama.
corocoroense G.S. Bunting in *Phytologia*, 64(6): 462 (1988)—Venezuela.
correae T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):68* (1986)—Panama.

ANTHURIUM :-

- crassilaminum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):69* (1986)—Panama.
- crassiradix T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):70* (1986)—Panama.
- var. *purpureospadix* T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):71* (1986)—Panama.
- crassitapalum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):72* (1986)—Panama.
- cuasicanum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):76* (1986)—Panama.
- cucullispathum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):77* (1986)—Panama.
- curvilaminum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):80* (1986)—Panama.
- curvispadix T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):83* (1986)—Panama.
- davidsei T.B. Croat in *Aroideana*, 9(1-4): 22 (1986)—Venezuela.
- dichrophyllum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):85* (1986)—Panama.
- dukei T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):87* (1986)—Panama.
- erythrosthachyum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):89* (1986)—Panama, Colombia.
- fernandezii T.B. Croat in *Aroideana*, 8(4): 124 (1985 publ. 1986)—Venezuela.
- folsomianum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):95* (1986)—Panama.
- foreroanum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):96* (1986)—Panama.
- fragrantissimum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):98* (1986)—Panama, Colombia.
- fusifforme T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):102* (1986)—Panama.
- gehrigeri T.B. Croat in *Aroideana*, 8(4): 129 (1985 publ. 1986)—Venezuela.
- gentryi T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):104* (1986)—Panama.
- ginesii T.B. Croat in *Aroideana*, 9(1-4): 30 (1986)—Venezuela.
- globosum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):105* (1986)—Panama.
- gonzalezii T.B. Croat in *Aroideana*, 8(4): 131 (1985 publ. 1986)—Venezuela.
- gracililaminum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):106* (1986)—Panama.
- gracilispadix T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):107* (1986)—Panama.
- guaiquinimae G.S. Bunting in *Phytologia*, 64(6): 462 (1988)—Venezuela.
- guanchezii G.S. Bunting in *Phytologia*, 60(5): 295 (1986)—Venezuela.
- hammeli T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):109* (1986)—Panama.
- hebetatum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):109* (1986)—Panama.
- hornitense T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):114* (1986)—Panama.
- hucqueense G.S. Bunting in *Phytologia*, 60(5): 295 (1986)—Venezuela.

ANTHURIUM :-

- humboldtianum
subsp. *viridispadix* T.B. Croat in *Aroideana*, 9(1-4): 36 (1986)—Venezuela.
- humoense T.B. Croat in *Aroideana*, 9(1-4): 36 (1986)—Venezuela.
- hutchisonii T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):115* (1986)—Panama.
- impolitum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):116* (1986)—Panama.
- iramireziae G.S. Bunting in *Ann. Missouri Bot. Gard.*, 76(3): 917 (1989), as 'iramirezae'—Venezuela.
- jefense T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):118* (1986)—Panama.
- kallunkiae T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):119* (1986)—Panama.
- kamemotoanum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):120* (1986)—Panama.
- lactifrutum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):122* (1986)—Panama.
- lancifolium
var. *albifrutum* T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):125* (1986)—Panama.
- leptocaulum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):127* (1986)—Panama.
- liesneri T.B. Croat in *Aroideana*, 9(1-4): 43 (1986)—Venezuela.
- llanense T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):128* (1986)—Panama.
- longissimum
subsp. *nirguense* G.S. Bunting in *Phytologia*, 60(5): 295 (1986)—Venezuela.
- longispitatum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):129* (1986)—Panama.
- madisonianum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):132* (1986)—Panama.
- malianum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):134* (1986)—Colombia/Panama border.
- marinoanum T.B. Croat in *Aroideana*, 9(1-4): 44 (1986)—Venezuela.
- melastomatis T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):137* (1986)—Panama.
- nervatum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):141* (1986)—Panama.
- niqueanum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):143* (1986)—Panama.
- oxystachyum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):145* (1986)—Panama.
- pageanum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):146* (1986)—Panama.
- panamense T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):148* (1986)—Panama.
- papillilaminum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):152* (1986)—Panama.
- pauciflorum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):153* (1986)—Panama.
- pendens T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):153* (1986)—Panama, Colombia.
- perijanum G.S. Bunting in *Phytologia*, 60(5): 296 (1986)—Venezuela.
- pirrense T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):156* (1986)—Panama.
- pittieri
var. *morii* T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):159* (1986)—Panama.

ANTHURIUM :-

- platyrhizum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):160* (1986)—Panama.
- plovmanii T.B. Croat in *Candollea*, 42(2): 811 (1987)—Brazil, Bolivia, Paraguay, Peru.
- protensum
subsp. *arcuatum* T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):164* (1986)—Panama.
- pseudospectabile T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):165* (1986)—Panama.
- puberulnervium T.B. Croat in *Aroideana*, 9(1-4): 51 (1986)—Venezuela.
- redolens T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):169* (1986)—Panama.
- roseospadix T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):170* (1986)—Panama.
- rubrifrutum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):173* (1986)—Panama.
- rupicola T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):173* (1986)—Panama.
- sagawae T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):175* (1986)—Panama.
- sapense T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):178* (1986)—Panama.
- smithii T.B. Croat in *Aroideana*, 8(4): 134 (1985 publ. 1986)—Venezuela, Colombia.
- subrotundum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):183* (1986)—Panama.
- subscriptum G.S. Bunting in *Phytologia*, 60(5): 296 (1986)—Venezuela.
- supraglandulum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):184* (1986)—Panama.
- sytsmae T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):185* (1986)—Panama.
- tacarcunense T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):186* (1986)—Panama.
- tachiranum T.B. Croat in *Aroideana*, 9(1-4): 56 (1986)—Venezuela.
- teribense T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):187* (1986)—Panama.
- tutense T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):192* (1986)—Panama.
- tysonii T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):193* (1986)—Panama.
- vinillense G.S. Bunting in *Phytologia*, 64(6): 462 (1988)—Venezuela.
- wedelianum T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):196* (1986)—Panama.
- subsp. *viridispadix* T.B. Croat, *Rev. Gen. Anthurium (Arac.) ... Pt. 2: Panama (Monogr. Syst. Bot. Missouri Bot. Gard. 14):199* (1986)—Panama.
- xanthoneurum G.S. Bunting in *Phytologia*, 60(5): 298 (1986)—Venezuela.
- ANTHYLLIS (Legumin.).
fennica (*Jalas*) Z.V. Akulova in *Fl. Evropejskoj Chasti SSSR*, 6: 103 (1987): A. vulneraria subsp. fennica.
- henoniana
subsp. *valentina* (Esteve) O. de Bolos & J. Vigo, *Fl. Paisos Catalans*: 626 (1984), without exact basionym page: A. sericea subsp. valentina.
- vulneraria
subsp. *boscii* M. Kerguelen in *Lejeunia*, 120: 45 (1987), nom. nov.: A. vulneraria var. pyrenaica Rouy.
var. *busambarensis* (Lojac.) J.R. Akeroyd in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 372 (1988 publ. 1989): A. heterophylla var. busambarensis.
subsp. *nana* (Ten.) F. Tammara in *Ann. Bot. (Italy)*, 42: 22 (1984 publ. 1985): A. vulneraria var. nana.

ANTIDAPHNE (Eremolepidac.).

- andina *J. Kuijt in Fl. Ecuador*, 24(32A): 7 (1986)—Ecuador.
 antidaphneoides (Rizzini) *J. Kuijt, Monogr. Eremolepidac. (Syst. Bot. Monog., 18)*: 26 (1988): Ixidium antidaphneoides.
 glaziovii (Van Tieghem) *J. Kuijt, Monogr. Eremolepidac. (Syst. Bot. Monog., 18)*: 26 (1988): Basicarpus glaziovii.
 punctulata (Clos) *J. Kuijt, Monogr. Eremolepidac. (Syst. Bot. Monog., 18)*: 28 (1988): Lepidoceras punctulatum.
 schottii (Eichler) *J. Kuijt, Monogr. Eremolepidac. (Syst. Bot. Monog., 18)*: 33 (1988): Ixidium schottii.
 wrightii (Grisebach) *J. Kuijt, Monogr. Eremolepidac. (Syst. Bot. Monog., 18)*: 40 (1988): Eremolepis wrightii.

ANTIDESMA (Euphorbiac.).

- laciniatum
 subsp. membranaceum (Muell. Arg.) *J. Léonard in Bull. Jard. Bot. Nation. Belg., 58(1-2)*: 20 (1988): A. laciniatum var. membranaceum.
 parasitica L.W. Dillwyn, *Rev. Hortus Malab.*: 33 (1839); *vide D.J. Mabberley in Taxon*, 26(5-6): 533 (1977)—India.

ANTIMIMA (Aizoac.).

- subgen. Caespitosa M. Dehn in *Mitt. Inst. Allg. Bot. Hamburg*, 22: 211 (1988).
 subgen. Clavipes M. Dehn in *Mitt. Inst. Allg. Bot. Hamburg*, 22: 212 (1988).
 subgen. Microphylla M. Dehn in *Mitt. Inst. Allg. Bot. Hamburg*, 22: 213 (1988).
 subgen. Virgata M. Dehn in *Mitt. Inst. Allg. Bot. Hamburg*, 22: 213 (1988).
 alborubra (L. Bolus) M. Dehn in *Mitt. Inst. Allg. Bot. Hamburg*, 22: 212 (1988): Ruschia alborubra.
 longipes (L. Bolus) M. Dehn in *Mitt. Inst. Allg. Bot. Hamburg*, 22: 211 (1988): Ruschia longipes.
 microphylla (Haw.) M. Dehn in *Mitt. Inst. Allg. Bot. Hamburg*, 22: 213 (1988): Mesembryanthemum microphyllum.
 virgata (Haw.) M. Dehn in *Mitt. Inst. Allg. Bot. Hamburg*, 22: 213 (1988): Mesembryanthemum virgatum.

ANTIRHEA (Rubiace.).

- atropurpurea (Craib) S.M. Chaw in *Kew Bull.*, 43(3): 493 (1988): Timonius atropurpureus.

ANTIRRHINUM (Scrophulariac.).

- graniticum
 subsp. boissieri (Rothm.) B. Valdés in *Lagascalía*, 14(1): 91 (1986): A. boissieri.
 subsp. brachycalyx D.A. Sutton, *Revis. tribe Antirrhineae*: 83 (1988)—Spain.
 subsp. onubensis (Fernández Casas) B. Valdés in *Lagascalía*, 14(1): 91 (1986): A. meoanthum subsp. onubensis.
 hispanicum
 subsp. australe (Rothm.) B.E. Smythies in *Englera*, 3(3): 500 (1986): A. australe.
 subsp. graniticum (Rothm.) B.E. Smythies in *Englera*, 3(3): 500 (1986): A. graniticum.
 meoanthum
 subsp. onubensis *J. Fernández Casas in Fontqueria*, 2: 27 (1982)—Spain.
 nuttallianum
 subsp. sessile (A. Gray) D.M. Thompson, *Syst. Antirrhinum (Scrophulariac.) New World (Syst. Bot. Monog., 22)*: 95 (1988): A. sessile.
 onubense (Fernández Casas) *J. Fernández Casas in Fontqueria*, 15: 39 (1987): A. meoanthum subsp. onubensis.
 ternatum *J. Fernández Casas in Fontqueria*, 2: 27 (1982)—Morocco.
 vexillo-calyculatum
 subsp. breweri (A. Gray) D.M. Thompson, *Syst. Antirrhinum (Scrophulariac.) New World (Syst. Bot. Monog., 22)*: 82 (1988): A. breweri.
 subsp. intermedium D.M. Thompson, *Syst. Antirrhinum (Scrophulariac.) New World (Syst. Bot. Monog., 22)*: 84 (1988)—U.S.A. (California).

ANURUS (Legumin.).

- nissolia
 subsp. futakii (Chrtková) *J. Soják in Čas. Nár. Muz. (Prague)*, 152(3): 160 (1983): Lathyrus nissolia subsp. futakii.
 subsp. pubescens (Beck) *J. Soják in Čas. Nár. Muz. (Prague)*, 152(3): 160 (1983): Lathyrus nissolia *α* var. pubescens.

AORANTHE C. Somers in *Bull. Jard. Bot. Nation. Belg.*, 58(1-2): 64 (1988). **RUBIACEAE**.

- annulata (K. Schum.) C. Somers in *Bull. Jard. Bot. Nation. Belg.*, 58(1-2): 69 (1988): Randia annulata.
 castaneofulva (S. Moore) C. Somers in *Bull. Jard. Bot. Nation. Belg.*, 58(1-2): 70 (1988): Randia castaneofulva.
 cladantha (K. Schum.) C. Somers in *Bull. Jard. Bot. Nation. Belg.*, 58(1-2): 71 (1988): Randia cladantha.
 nalaensis (De Wild.) C. Somers in *Bull. Jard. Bot. Nation. Belg.*, 58(1-2): 72 (1988): Randia nalaensis.
 penduliflora (K. Schum.) C. Somers in *Bull. Jard. Bot. Nation. Belg.*, 58(1-2): 74 (1988): Randia penduliflora.

AOTUS (Legumin.).

- subspinescens (Benth.) M.D. Crisp in *Fl. S. Australia*, 2: 658 (1986): A. villosa var. subspinescens.

APARGIA (Compos.).

- pratensis Hornem., *Hort. Hafn.*: 758 (1815); *cf. D.J. Mabberley in Taxon*, 33(3): 436 (1984)—Locality not stated.

APHANACTIS (Compos.).

- macdonaldii B.L. Turner in *Phytologia*, 68(2): 138 (1990)—Mexico.

APHANAMIXIS (Meliac.).

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APHELANDRA (Acanthac.).

- antioquiensis D.C. Wasshausen in *Rev. Acad. Colomb. Cienc. Exact. Fis. Nat.*, 65: 253 (1989)—Colombia.
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 harlingii D.C. Wasshausen in *Op. Bot.*, 92: 267 (1987)—Ecuador.
 lilacina C. Ezcurra in *Darwiniana*, 27(1-4): 399 (1986)—Argentina.
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 tetraoica D.C. Wasshausen in *Rev. Acad. Colomb. Cienc. Exact. Fis. Nat.*, 65: 251 (1989)—Colombia.

APIOS (Legumin.).

- perennis Vahl ex Hornem., *Hort. Hafn.*: 682 (1815); *cf. D.J. Mabberley in Taxon*, 33(3): 436 (1984)—Locality not stated.

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- aristata
 var. ciliata (Anderss.) R.K. Jain in *Indian J. Forest.*, 9(4): 345 (1986 publ. 1987): A. ciliata.
 var. jainii R.K. Jain in *Indian J. Forest.*, 9(4): 345 (1986 publ. 1987)—India.
 blatterii P.R. Sur in *Bull. Bot. Surv. India*, 28(1-4): 193 (1986 publ. 1988)—India.
 mutica
 subsp. aristata (L.) R.D. Gaur in *J. Econ. Taxon. Bot.*, 9(1): 59 (1987): A. aristata.
 var. major (Hack.) R.K. Jain in *Indian J. Forest.*, 9(4): 347 (1986 publ. 1987): A. varia var. major.

APODOLIRION (Amaryllidac.).

- amyanum D. Müller-Doblies in *Willdenowia*, 15(2): 466 (1986)—South Africa (Cape Province).
 cedarbergense D. Müller-Doblies in *Willdenowia*, 15(2): 466 (1986)—South Africa (Cape Province).

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- pallens
 var. buchholzii (Loesener) N. Hallé in *Fl. Gabon*, 29: 197 (1986): Hippocratea? buchholzii.
 var. dummeri N. Hallé in *Fl. Gabon*, 29: 196 (1986)—Uganda, Zaïre, Cameroun.

APONOGETON (Aponogetonac.).

- abyssinicus
 var. albiflorus K.A. Lye in *Lidia*, 1(2): 73 (1986)—Tanzania, Kenya.
 var. cordatus K.A. Lye in *Lidia*, 1(2): 75 (1986)—Kenya, Somali Republic.
 var. glandulifera K.A. Lye in *Lidia*, 1(2): 77 (1986)—Tanzania.
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 afroviolaceus
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- ramifera S.C. Chen & K.Y. Lang in *Acta Phytotax. Sin.*, 24(5): 349 (1986)—Hainan.

APOSTATES N.S. Lander in *Austral. Syst. Bot.*, 2(1): 129 (1989). **COMPOSITAE**.

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- sect. Stenodesme P.J. Kores in *Allertonia*, 5(1): 120 (1989), nom. nov.: A. sect. Eu-Appendicula Schlechter.

APURIMACIA (Legumin.).

- boliviana (Britton) M. Lavin in *C.H. Stirton (ed.), Advances in Legume System.*, 3: 64 (1987): Coursetia boliviana.

AQUILARIA (Thymelaeac.).

- agallochum (Lour.) Roxb. ex Finlayson, *Mission Siam, Hué*: 94 (1826); *cf. D.J. Mabberley in Taxon*, 32(1): 87 (1983): Basionym not stated.
 banaense Pham-hoang Ho in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(3): 241 (1986)—Vietnam.
 yunnanensis S.C. Huang in *Acta Bot. Yunnanica*, 7(3): 277 (1985)—China.

AQUILEGIA (Ranunculac.).

- sect. Viridiflorae N.V. Frizen in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 94(6): 79 (1989).
 bleicii A. Podobnik in *Biosistematika*, 12(1): 16 (1986 publ. 1987)—Yugoslavia.
 flavescens
 var. rubicunda (Tidestr.) S.L. Welsh in *Great Basin Nat.*, 46(2): 259 (1986): A. rubicunda.
 formosa
 var. fosteri S.L. Welsh in *Great Basin Nat.*, 46(2): 259 (1986)—U.S.A. (Utah).
 ottonis
 subsp. amaliae (Orph. ex Boiss.) A. Strid in *A. Strid (ed.), Mount. Fl. Greece*, 1: 227 (1986): A. amaliae.
 subsp. taygetea (Orph.) A. Strid in *A. Strid (ed.), Mount. Fl. Greece*, 1: 228 (1986): A. taygetea.
 pubiflora
 var. hazarica R.A. Qureshi & M.N. Chaudhri in *Pakistan Syst.*, 3(1): 6 (1987)—Pakistan.
 vulgaris
 subsp. ballii (Litard. & Maire) A. Dobignard & D. Jordan in *Saussurea*, 18: 76 (1987): A. vulgaris var. ballii.

AQUILEGIA :-

subsp. cossoniana (Maire & Sennen) A. Dobignard & D. Jordan in *Saussurea*, 18: 77 (1987); A. vulgaris var. cossoniana.

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drassiana A.R. Naqshi & G.N. Javeid in *J. Econ. Taxon. Bot.*, 7(3): 624 (1985 publ. 1986)—India.
erysimoides I.C. Hedge & Kit Tan in *Pl. Syst. Evol.*, 156(3-4): 202 (1987)—Saudi Arabia.
lasiocarpa
var. micrantha W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 19 (1988)—China.
mollissima
var. glaberrima (Hook. f. & T. And.) A.R. Naqshi & G.N. Javeid in *J. Econ. Taxon. Bot.*, 7(3): 619 (1985 publ. 1986); *Sisymbrium mollissimum* var. glaberrima.
pumila
var. foliosa (Hook. f. & Th.) A.R. Naqshi & G.N. Javeid in *J. Econ. Taxon. Bot.*, 7(3): 624 (1985 publ. 1986); *Sisymbrium foliosum*.
sarbalica A.R. Naqshi & G.N. Javeid in *J. Econ. Taxon. Bot.*, 7(3): 621 (1985 publ. 1986)—India.
tibetica A.R. Naqshi & G.N. Javeid in *J. Econ. Taxon. Bot.*, 7(3): 620 (1985 publ. 1986)—India.
tibetica (Hook. f. & Thoms.) Lan & An ex K.C. Kuan in *Fl. Xizangica*, 2: 372 (1985); *Arabis tibetica*.
yadungensis K.C. Kuan & An in *Fl. Xizangica*, 2: 375 (1985)—Xizang.

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collina
var. balearica (Porta) O. de Bolòs & J. Vigo, *Fl. Països Catalans*, 2: 97 (1990); A. muralis var. balearica.
subsp. muricola (Jord.) O. de Bolòs & J. Vigo, *Fl. Països Catalans*, 2: 97 (1990); A. muricola.
conringioides
subsp. humbertii (Quézel) A. Dobignard & D. Jordan in *Saussurea*, 18: 79 (1987); A. humbertii.
vivariensis S.L. Welsh in *Great Basin Nat.*, 46(2): 263 (1986)—U.S.A. (Utah).

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liesneri G. Carnevali & I. Ramírez in *Ann. Missouri Bot. Gard.*, 76(4): 962 (1989)—Venezuela.

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brenesii (Standl.) A. Borhidi in *Acta Bot. Hung.*, 33(3-4): 301 (1987); *Rondeletia brenesii*.
buddleioides
var. aspera (Kirkbr.) A. Borhidi in *Acta Bot. Hung.*, 33(3-4): 301 (1987); *Rondeletia buddleioides* var. aspera.
chinajensis (Standl. & Steyerl.) A. Borhidi in *Acta Bot. Hung.*, 33(3-4): 301 (1987); *Rondeletia chinajensis*.
cordovana (Standl. & Steyerl.) A. Borhidi in *Acta Bot. Hung.*, 33(3-4): 301 (1987); *Rondeletia cordovana*.
edwardsii (Standl.) A. Borhidi in *Acta Bot. Hung.*, 33(3-4): 301 (1987); *Rondeletia edwardsii*.
gonzalaoides (Standl.) A. Borhidi in *Acta Bot. Hung.*, 33(3-4): 302 (1987); *Rondeletia gonzalaoides*.
gracilispica (Standl.) A. Borhidi in *Acta Bot. Hung.*, 33(3-4): 302 (1987); *Rondeletia gracilispica*.
izabalensis (Standl. & Steyerl.) A. Borhidi in *Acta Bot. Hung.*, 33(3-4): 302 (1987); *Rondeletia izabalensis*.
liebmanii (Standl.) A. Borhidi in *Acta Bot. Hung.*, 33(3-4): 302 (1987); *Rondeletia liebmanii*.
lundelliana (Standl.) A. Borhidi in *Acta Bot. Hung.*, 33(3-4): 302 (1987); *Rondeletia lundelliana*.
macrocalyx (Standl. & Steyerl.) A. Borhidi in *Acta Bot. Hung.*, 33(3-4): 302 (1987); *Rondeletia macrocalyx*.
mexiae (Standl.) A. Borhidi in *Acta Bot. Hung.*, 33(3-4): 302 (1987); *Rondeletia mexiae*.
myriantha (Standl. & Steyerl.) A. Borhidi in *Acta Bot. Hung.*, 33(3-4): 302 (1987); *Rondeletia myriantha*.
nebulosa (Standl.) A. Borhidi in *Acta Bot. Hung.*, 33(3-4): 302 (1987); *Rondeletia nebulosa*.

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oaxacana (Standl.) A. Borhidi in *Acta Bot. Hung.*, 33(3-4): 302 (1987); *Rondeletia oaxacana*.
phyllocephala (Standl. & L.O. Wms.) A. Borhidi in *Acta Bot. Hung.*, 33(3-4): 302 (1987); *Rondeletia phyllocephala*.
skutchii (Standl. & Steyerl.) A. Borhidi in *Acta Bot. Hung.*, 33(3-4): 302 (1987); *Rondeletia skutchii*.
standleyana (A. Molina) A. Borhidi in *Acta Bot. Hung.*, 33(3-4): 302 (1987); *Rondeletia standleyana*.
stenostachya (Standl.) A. Borhidi in *Acta Bot. Hung.*, 33(3-4): 303 (1987); *Rondeletia stenostachya*.
tacanensis (Lundell) A. Borhidi in *Acta Bot. Hung.*, 33(3-4): 303 (1987); *Rondeletia tacanensis*.
torresii (Standl.) A. Borhidi in *Acta Bot. Hung.*, 33(3-4): 303 (1987); *Rondeletia torresii*.
vulcanicola (Standley & Steyerl.) A. Borhidi in *Acta Bot. Hung.*, 33(3-4): 303 (1987); *Rondeletia vulcanicola*.
zolleriana (Standl. & Steyerl.) A. Borhidi in *Acta Bot. Hung.*, 33(3-4): 303 (1987); *Rondeletia zolleriana*.

ARAFOE M.G. Pimenov & T.V. Lavrova in *Bot. Zhurn.*, 74(1): 102 (1989). **UMBELLIFERAE**.

aromatica M.G. Pimenov & T.V. Lavrova in *Bot. Zhurn.*, 74(1): 102 (1989), nom. nov.: *Ligusticum arafoe* Albov.

ARALIA (Araliac.).

bipinnata
var. inermis (Yanagita) T. Yamazaki in *J. Jap. Bot.*, 62(6): 190 (1987); A. hypoleuca var. inermis.
elata
f. canescens (Fr. & Sav.) T. Yamazaki in *J. Jap. Bot.*, 62(6): 190 (1987); A. elata β canescens.
guilfoylei W. Bull. Cat., 83: 4 (1873)—South Sea Is.
japonica C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 300 (1784)—Japan. †
pentaphylla C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 300 (1784)—Japan. †

ARAUCARIA (Araucariac.).

hunsteini
var. klinkii (Lauterb.) J. Silba in *Phytologia*, 68(1): 26 (1990); A. klinkii.

ARBELAEZASTER J. Cuatrecasas in *Caldasia*, 15(71-75): 1 (1986). **COMPOSITAE**.

ellsworthii (Cuatr.) J. Cuatrecasas in *Caldasia*, 15(71-75): 2 (1986); *Senecio ellsworthii*.

ARBUTUS (Ericac.).

nitida (Benth.) Jacob-Makoy, *Extr. Cat. Prix Cour. 1842*: 8 (1842); cf. *D.J. Mabberley in Taxon*, 34(3): 456 (1985); Basionym not stated.
tessellata P.D. Sørensen in *Brittonia*, 39(2): 263 (1987)—Mexico.

ARCEUTHOBIUM (Viscac.).

durangense (Hawksworth & Wiens) F.G. Hawksworth & D. Wiens in *Phytologia*, 66(1): 7 (1989); A. vaginatum subsp. durangense.
nigrum (Hawksworth & Wiens) F.G. Hawksworth & D. Wiens in *Phytologia*, 66(1): 9 (1989); A. gillii subsp. nigrum.
oaxacanum F.G. Hawksworth & D. Wiens in *Phytologia*, 66(1): 7 (1989)—Mexico.
yecorensis F.G. Hawksworth & D. Wiens in *Phytologia*, 66(1): 6 (1989)—Mexico.

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nanpinensis G.L. Chu in *J. Arnold Arbor.*, 68(4): 462 (1987)—China.

ARCHIBACCHARIS (Compos.).

albescens (J.D. Jackson) G.L. Nesom in *Phytologia*, 65(2): 124 (1988); A. hirtella var. albescens.
auriculata (Hemsley) G.L. Nesom in *Phytologia*, 65(2): 123 (1988); *Pluchea auriculata*.
macdonaldii G.L. Nesom in *Phytologia*, 68(2): 122 (1990)—Mexico.
nephocephala G.L. Nesom in *Phytologia*, 68(2): 123 (1990)—Mexico.
nicaraguensis G.L. Nesom in *Phytologia*, 65(2): 158 (1988)—Nicaragua.

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taeniotricha (S.F. Blake) G.L. Nesom in *Phytologia*, 65(2): 125 (1988); *Archibaccharis hirtella* var. taeniotricha.
venturana G.L. Nesom in *Phytologia*, 67(5): 377 (1989)—Mexico.
veracruzana G.L. Nesom in *Phytologia*, 65(2): 127 (1988)—Mexico.

ARCHINEOTTIA (Orchidac.).

japonica M. Furuse in *Acta Phytotax. Sin.*, 26(1): 69 (1988)—Japan.

ARCTANTHEMUM (Compos.).

arcticum
subsp. kurilense (Tzvel.) N.N. Tsvelev in *Arktich. Fl. SSSR*, 10: 115 (1987); *Dendranthema kurilense*.
subsp. polare (Hult.) N.N. Tsvelev in *Arktich. Fl. SSSR*, 10: 116 (1987); *Chrysanthemum arcticum* subsp. polare.

ARCTOSTAPHYLOS (Ericac.).

bakeri
subsp. sublaevis P.V. Wells in *Four Seasons*, 8(2): 63 (1988)—U.S.A. (California).
canescens
f. candidissima (Eastw.) P.V. Wells in *Madroño*, 35(4): 332 (1988 publ. 1989); A. candidissima.
subsp. sonomensis (Eastw.) P.V. Wells in *Madroño*, 35(4): 333 (1988 publ. 1989); A. sonomensis.
columbiana
f. setosissima (Eastw.) P.V. Wells in *Madroño*, 35(4): 333 (1988 publ. 1989); A. setosissima.
f. tracyi (Eastw.) P.V. Wells in *Madroño*, 35(4): 334 (1988 publ. 1989); A. tracyi.
edmundsii
f. parvifolia (Roof) P.V. Wells in *Madroño*, 35(4): 334 (1988 publ. 1989); A. edmundsii var. parvifolia.
glandulosa
f. adamsii (Munz) P.V. Wells in *Four Seasons*, 7(4): 18 (1987); A. glandulosa var. adamsii.
f. glaucoides P.V. Wells in *Four Seasons*, 7(4): 17 (1987)—U.S.A. (California).
subsp. glaucomollis P.V. Wells in *Four Seasons*, 7(4): 21 (1987)—U.S.A. (California).
f. howellii (Eastwood) P.V. Wells in *Four Seasons*, 7(4): 17 (1987), without basionym ref.: Basionym not stated.
f. wieriana P.V. Wells in *Four Seasons*, 7(4): 19 (1987)—Mexico, U.S.A. (California).
f. zacaeensis (Eastwood) P.V. Wells in *Four Seasons*, 7(4): 16 (1987), without basionym ref.: Basionym not stated.
glauc
f. eremicola (Jeps.) P.V. Wells in *Madroño*, 35(4): 334 (1988 publ. 1989); A. glauca var. eremicola.
f. puberula (J.T. Howell) P.V. Wells in *Madroño*, 35(4): 334 (1988 publ. 1989); A. glauca var. puberula.
imbricata
subsp. montaraensis (Roof) P.V. Wells in *Madroño*, 35(4): 334 (1988 publ. 1989), without exact basionym page: A. montaraensis.
mendocinoensis P.V. Wells in *Four Seasons*, 8(3): 30 (1989)—U.S.A. (California).
nevadensis
subsp. knightii (Gankin & Hildreth) P.V. Wells in *Madroño*, 35(4): 335 (1988 publ. 1989); A. knightii.
patula
f. acutifolia (Eastw.) P.V. Wells in *Madroño*, 35(4): 337 (1988 publ. 1989); A. acutifolia.
f. coalescens (W. Knight) P.V. Wells in *Madroño*, 35(4): 337 (1988 publ. 1989); A. patula var. coalescens.
f. platyphylla (A. Gray) P.V. Wells in *Madroño*, 35(4): 337 (1988 publ. 1989); A. pungens var. platyphylla.
stanfordiana
f. decumbens P.V. Wells in *Madroño*, 35(4): 338 (1988 publ. 1989), nom. nov.: A. stanfordiana var. repens Roof.
tomentosa
f. hebeclada (DC.) P.V. Wells in *Four Seasons*, 7(4): 12 (1987); *Andromeda bracteosa* β hebeclada.

ARCTOSTAPHYLOS :-

- uva-ursi
f. adenotricha (Fern. & Macbr.) P.V. Wells in *Madroño*, 35(4): 339 (1988 publ. 1989): *A. uva-ursi* var. *adenotricha*.
f. coactilis (Fern. & Macbr.) P.V. Wells in *Madroño*, 35(4): 339 (1988 publ. 1989): *A. uva-ursi* var. *coactilis*.
f. leobreweri (Roof) P.V. Wells in *Madroño*, 35(4): 339 (1988 publ. 1989): *A. uva-ursi* var. *leobreweri*.
f. longipilosa (Packer & Denford) P.V. Wells in *Madroño*, 35(4): 340 (1988 publ. 1989): *A. uva-ursi* subsp. *longipilosa*.
f. marinensis (Roof) P.V. Wells in *Madroño*, 35(4): 340 (1988 publ. 1989): *A. uva-ursi* var. *marinensis*.
f. stipitata (Packer & Denford) P.V. Wells in *Madroño*, 35(4): 340 (1988 publ. 1989): *A. uva-ursi* subsp. *stipitata*.
f. suborbiculata (W. Knight) P.V. Wells in *Madroño*, 35(4): 340 (1988 publ. 1989): *A. uva-ursi* var. *suborbiculata*.
wellsii W. Knight in *Four Seasons*, 8(3): 12 (1989)—U.S.A. (California).

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- filipedicellus* M.I. Sheh & R.H. Shan in Bull. Bot. Res. North-East. Forest. Inst., 6(4): 12 (1986)—China.
linearifolius M.I. Sheh & R.H. Shan in Bull. Bot. Res. North-East. Forest. Inst., 6(4): 14 (1986)—China.
thalictroides M.I. Sheh & R.H. Shan in Bull. Bot. Res. North-East. Forest. Inst., 6(4): 15 (1986)—China, Xizang.

ARDISIA (Myrsinac.).

- subgen. Chinensia* (Nakai) Y.P. Yang in *Taiwania*, 34(2): 284 (1989): *Bladhia* sect. *Chinenses*.
subsect. Faberi Y.P. Yang in *Taiwania*, 34(2): 218 (1989).
subsect. Fimbriata Y.P. Yang in *Taiwania*, 34(2): 233 (1989).
subsect. Gigantifolia Y.P. Yang in *Taiwania*, 34(2): 236 (1989).
sect. Odontophylla Y.P. Yang in *Taiwania*, 34(2): 232 (1989).
alajuelae (Lundell) C.L. Lundell in *Phytologia*, 61(1): 62 (1986): *Icacorea alajuelae*.
albidicellata C.L. Lundell in *Phytologia*, 61(1): 62 (1986), nom. nov.: *Icacorea parvifolia* Lundell.
albispala (Lundell) C.L. Lundell in *Phytologia*, 61(1): 62 (1986): *Auriculardisia albispala*.
argenticaulis Y.P. Yang in *Taiwania*, 34(2): 287 (1989)—China.
artemata B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 141: 290 (1989)—Borneo (Sabah).
azaharensis C.L. Lundell in *Phytologia*, 61(1): 62 (1986), nom. nov.: *Auriculardisia microcalyx* Lundell.
balansana Y.P. Yang in *Taiwania*, 34(2): 245 (1989)—China, Vietnam.
bekomiensis (Lundell) C.L. Lundell in *Phytologia*, 61(1): 62 (1986): *Icacorea bekomiensis*.
brassii H. Sleumer in *Blumea*, 33(1): 130 (1988)—New Guinea (W. Irian).
bristanii C.L. Lundell in *Phytologia*, 61(1): 62 (1986), nom. nov.: *Auriculardisia parviflora* Lundell.
cameronensis Y.P. Yang in *Taiwania*, 34(2): 258 (1989), without latin descr.—Malaya.
canariensis Hort. Cels. ex Fée, *Cat. Méth. Pl. Jard. Bot. Strasb.*: 43 (1836); cf. D.J. Mabberley in *Taxon*, 32(1): 84 (1983)—Locality not stated.
caudifloroides B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 141: 280 (1989)—Borneo (Sarawak).
chiriquiana (Lundell) C.L. Lundell in *Phytologia*, 61(1): 62 (1986): *Auriculardisia chiriquiana*.
coibana (Lundell) C.L. Lundell in *Phytologia*, 61(1): 63 (1986): *Graphardisia coibana*.
contrerasii C.L. Lundell in *Phytologia*, 61(1): 63 (1986), nom. nov.: *Gentlea crenulata* Lundell.
crasse-ovata B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 141: 272 (1989)—Borneo (Sabah).
crenata
f. xanthocarpa (Nakai) H. Ohashi in *J. Jap. Bot.*, 63(5): 190 (1988): *Bladhia lentiginosa* f. *xanthocarpa*.
f. leucocarpa (Nakai) H. Ohashi in *J. Jap. Bot.*, 63(5): 191 (1988): *Bladhia crispa* f. *leucocarpa*.
f. xanthocarpa (Nakai) H. Ohashi in *J. Jap. Bot.*, 63(5): 191 (1988): *Bladhia crispa* f. *xanthocarpa*.
cuneifolia (Lundell) C.L. Lundell in *Phytologia*, 61(1): 63 (1986): *Gentlea cuneifolia*.
curvistyla Y.P. Yang in *Taiwania*, 34(2): 242 (1989)—Thailand.
dawnensis M.P. Nayar & G.S. Giri in *Bull. Bot. Surv. India*, 27(1-4): 222 (1985 publ. 1987)—Burma.
dressleri C.L. Lundell in *Phytologia*, 61(1): 63 (1986), nom. nov.: *Auriculardisia roseiflora* Lundell.
dryeri C.L. Lundell in *Phytologia*, 61(1): 63 (1986), nom. nov.: *Auriculardisia micrantha* Lundell.
ebingeri C.L. Lundell in *Phytologia*, 61(1): 63 (1986), nom. nov.: *Graphardisia purpurea* Lundell.
eciliata (Lundell) C.L. Lundell in *Phytologia*, 61(1): 63 (1986): *Zunilia eciliata*.
elliptifolia C.L. Lundell in *Phytologia*, 61(1): 63 (1986), nom. nov.: *Amatlanlia elliptica* Lundell.
esquipulasana C.L. Lundell in *Phytologia*, 61(1): 63 (1986), nom. nov.: *Graphardisia nicaraguensis* Lundell.
eucalyptifolia B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 141: 297 (1989)—Borneo (Sarawak, Kalimantan).
eucuneata (Lundell) C.L. Lundell in *Phytologia*, 61(1): 63 (1986): *Auriculardisia eucuneata*.
eurubiginosa (Lundell) C.L. Lundell in *Phytologia*, 61(1): 63 (1986): *Auriculardisia eurubiginosa*.
feniana C.L. Lundell in *Phytologia*, 61(1): 64 (1986), nom. nov.: *Zunilia purpusii* Lundell.
guanacastensis (Lundell) C.L. Lundell in *Phytologia*, 61(1): 64 (1986): *Icacorea guanacastensis*.
guinealensis (Lundell) C.L. Lundell in *Phytologia*, 61(1): 64 (1986): *Icacorea guinealensis*.
heterotricha (Lundell) C.L. Lundell in *Phytologia*, 61(1): 64 (1986): *Auriculardisia heterotricha*.
hirsutissima C.L. Lundell in *Phytologia*, 61(1): 64 (1986)—Panama.
hokouensis Y.P. Yang in *Bot. Bull. Acad. Sin.*, n.s., 30(4): 297 (1989), nom. nov.: *A. crassipes* Wu & Chen.
hornitoana C.L. Lundell in *Phytologia*, 61(1): 64 (1986), nom. nov.: *Icacorea reflexa* Lundell.
hugonensis (Lundell) C.L. Lundell in *Phytologia*, 61(1): 64 (1986): *Auriculardisia hugonensis*.
intibucana C.L. Lundell in *Phytologia*, 61(1): 65 (1986), nom. nov.: *Gentlea lancifolia* Lundell.
ixcanensis (Lundell) C.L. Lundell in *Phytologia*, 61(1): 65 (1986): *Icacorea ixcanensis*.
jaliscensis (Lundell) C.L. Lundell in *Phytologia*, 61(1): 65 (1986): *Icacorea jaliscensis*.
jitololana C.L. Lundell in *Phytologia*, 61(1): 65 (1986), nom. nov.: *Gentlea tenuis* Lundell.
kainantuensis H. Sleumer in *Blumea*, 33(1): 128 (1988)—New Guinea (Papua New Guinea).
knappii (Lundell) C.L. Lundell in *Phytologia*, 61(1): 65 (1986): *Auriculardisia knappii*.
kostermansii B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 141: 273 (1989)—Borneo (Kalimantan).
latisejala (Lundell) C.L. Lundell in *Phytologia*, 61(1): 65 (1986): *Auriculardisia latisejala*.
lauterbachii H. Sleumer in *Blumea*, 33(1): 120 (1988), nom. nov.: *A. melanosticta* Laut. & K. Schum.
leptopoda (Lundell) C.L. Lundell in *Phytologia*, 61(1): 65 (1986): *Auriculardisia leptopoda*.
lingua B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 141: 298 (1989)—Borneo (Sarawak).
lustrata B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 141: 298 (1989)—Borneo (Sarawak).
merjimah B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 141: 277 (1989)—Borneo (Sarawak).
molinae (Lundell) C.L. Lundell in *Phytologia*, 61(1): 65 (1986): *Gentlea molinae*.
montana
var. selangorensis B.C. Stone in *Tree Fl. Malaya*, 4: 274 (1989)—Malaya.
monteverdeana (Lundell) C.L. Lundell in *Phytologia*, 61(1): 65 (1986): *Icacorea monteverdeana*.
moraviana (Lundell) C.L. Lundell in *Phytologia*, 63(6): 463 (1987): *Auriculardisia moraviana*.
morazanensis C.L. Lundell in *Phytologia*, 61(1): 65 (1986), nom. nov.: *Gentlea maculata* Lundell.

ARDISIA :-

- morobeensis* H. Sleumer in *Blumea*, 33(1): 118 (1988)—New Guinea (Papua New Guinea).
murphyae (Lundell) C.L. Lundell in *Phytologia*, 63(6): 463 (1987): *Graphardisia murphyae*.
nebulosa (Lundell) C.L. Lundell in *Phytologia*, 61(1): 65 (1986): *Auriculardisia nebulosa*.
neohyalina C.L. Lundell in *Phytologia*, 61(1): 65 (1986), nom. nov.: *Graphardisia hyalina* Lundell.
neomirandae C.L. Lundell in *Phytologia*, 61(1): 66 (1986), nom. nov.: *Zunilia mirandae* Lundell.
oaxacana (Lundell) C.L. Lundell in *Phytologia*, 61(1): 66 (1986): *Icacorea oaxacana*.
obtusata (Lundell) C.L. Lundell in *Phytologia*, 61(1): 66 (1986): *Graphardisia obtusata*.
parviauriculata C.L. Lundell in *Phytologia*, 61(1): 66 (1986), nom. nov.: *Gentlea auriculata* Lundell.
parvidenticulata C.L. Lundell in *Phytologia*, 61(1): 66 (1986), nom. nov.: *Icacorea denticulata* Lundell.
parvipunctata (Lundell) C.L. Lundell in *Phytologia*, 61(1): 66 (1986): *Icacorea parvipunctata*.
parvissima C.L. Lundell in *Phytologia*, 61(1): 66 (1986), nom. nov.: *Gentlea parviflora* Lundell.
pentaglossa B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 141: 281 (1989)—Borneo (Sarawak).
pingbienensis Y.P. Yang in *Taiwania*, 34(2): 270 (1989), nom. nov.: *A. longipedunculata* C.Y. Wu & C. Chen.
podadena B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 141: 300 (1989)—Borneo (Sabah).
quadrata (Lundell) C.L. Lundell in *Phytologia*, 61(1): 66 (1986): *Auriculardisia quadrata*.
racemibunda B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 141: 295 (1989)—Borneo (Sarawak, Sabah).
riomontana C.L. Lundell in *Phytologia*, 61(1): 66 (1986), nom. nov.: *Graphardisia oxyphylla* Lundell.
ruthiae B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 141: 302 (1989)—Borneo (Sarawak).
samalana (Lundell) C.L. Lundell in *Phytologia*, 61(1): 66 (1986): *Icacorea samalana*.
sarapiquiensis (Lundell) C.L. Lundell in *Phytologia*, 63(6): 463 (1987): *Auriculardisia sarapiquiensis*.
seranoana (Lundell) C.L. Lundell in *Phytologia*, 61(1): 66 (1986): *Graphardisia seranoana*.
sicula B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 141: 279 (1989)—Borneo (Sarawak).
sieboldii
f. nigrocarpa (Tuyama ex Nakai) H. Ohashi in *J. Jap. Bot.*, 63(5): 191 (1988): *Bladhia sieboldii* f. *nigrocarpa*.
f. rubricarpa (Tuyama ex Nakai) H. Ohashi in *J. Jap. Bot.*, 63(5): 191 (1988): *Bladhia sieboldii* f. *rubricarpa*.
sigillata B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 141: 303 (1989)—Borneo (Sabah).
sordida (Lundell) C.L. Lundell in *Phytologia*, 61(1): 66 (1986): *Auriculardisia sordida*.
spatulata (Lundell) C.L. Lundell in *Phytologia*, 63(6): 463 (1987): *Auriculardisia spatulata*.
squamata (Lundell) C.L. Lundell in *Phytologia*, 61(1): 67 (1986): *Auriculardisia squamata*.
standleyi (Lundell) C.L. Lundell in *Phytologia*, 61(1): 67 (1986): *Gentlea standleyi*.
steinii C.L. Lundell in *Phytologia*, 61(1): 67 (1986), nom. nov.: *Auriculardisia baruana* Lundell.
stevensii (Lundell) C.L. Lundell in *Phytologia*, 61(1): 67 (1986): *Gentlea stevensii*.
synneura
var. cataractorum B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 141: 290 (1989)—Borneo (Sarawak).
tarariea C.L. Lundell in *Phytologia*, 61(1): 67 (1986)—Costa Rica.
toroana (Lundell) C.L. Lundell in *Phytologia*, 61(1): 67 (1986): *Auriculardisia toroana*.
triangula (Lundell) C.L. Lundell in *Phytologia*, 61(1): 67 (1986): *Icacorea triangula*.
trichogyne B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 141: 283 (1989)—Borneo (Sabah).
trichomata (Lundell) C.L. Lundell in *Phytologia*, 63(6): 463 (1987): *Auriculardisia trichomata*.
ustupoana (Lundell) C.L. Lundell in *Phytologia*, 61(1): 68 (1986): *Graphardisia ustupoana*.
utleyi (Lundell) C.L. Lundell in *Phytologia*, 61(1): 68 (1986): *Icacorea utleyi*.

ARDISIA :-

- walkeri Y.P. Yang in *Taiwania*, 34(2): 229 (1989), nom. nov., as 'walkerii': *A. japonica* var. *montana* Miq.
 warneri C.L. Lundell in *Phytologia*, 61(1): 68 (1986), nom. nov.: *Idiocorea brevipes* Lundell.
 wendtii (Lundell) C.L. Lundell in *Phytologia*, 61(1): 68 (1986): *Ibarraea wendtii*.
 wilburiana (Lundell) C.L. Lundell in *Phytologia*, 63(6): 463 (1987): *Auriculardisia wilburiana*.
 zarcoana C.L. Lundell in *Phytologia*, 61(1): 68 (1986), nom. nov.: *Auriculardisia sessilifolia* Lundell.

ARECA (Palmae).

- gracilis F. Buchanan-Hamilton in *Mem. Wern. Soc.*, 5(2): 310, 311 (1826); cf. D.J. Mabberley in *Taxon*, 26(5-6): 527 (1977)—India.
 laxa F. Buchanan-Hamilton in *Mem. Wern. Soc.*, 5(2): 309 (1826); cf. D.J. Mabberley in *Taxon*, 26(5-6): 527 (1977)—Andaman Is.†
 passalacuae C.S. Kunth in *Ann. Sci. Nat. Paris*, 8: 420 (1826)—Egypt (in ancient tombs).
 pumila C.L. Blume, *Rumphia*, 2: 71, t. 99, 102 (1839)—Java.

ARENARIA (Caryophyllac.).

- sect. *Parviflorae* J. McNeill in *Fl. Iran.*, 163: 9 (1988).
 aggregata
 subsp. *pseudoarmeriastrum* (Rouy) G. López González & G. Nieto Feliner in *An. Jard. Bot. Madrid*, 42(2): 356 (1985 publ. 1986): *A. pseudoarmeriastrum*.
angustifolioides Kit Tan & F. Sorger in *Pl. Syst. Evol.*, 155(1-4): 96 (1987)—Turkey.
arcuatociliata G. López González & G. Nieto Feliner in *An. Jard. Bot. Madrid*, 42(2): 353 (1985 publ. 1986)—Spain.
cariensis A. Carlström in *Willdenowia*, 15(2): 371 (1986)—Turkey.
commagenae T. Çelebioğlu & C. Favarger in *Candollea*, 44(1): 329 (1989)—Turkey.
delaguardiae G. López González & G. Nieto Feliner in *An. Jard. Bot. Madrid*, 42(2): 351 (1985 publ. 1986)—Spain.
eliasiana Kit Tan & F. Sorger in *Pl. Syst. Evol.*, 155(1-4): 93 (1987)—Turkey.
favargeri (Nieto Feliner) G. López González & G. Nieto Feliner in *An. Jard. Bot. Madrid*, 42(2): 358 (1985 publ. 1986): *A. aggregata* subsp. *favargeri*.
fendleri
 var. *aculeata* (Wats.) S.L. Welsh in *Great Basin Nat.*, 46(2): 255 (1986): *A. aculeata*.
 var. *eastwoodiae* (Rydb.) S.L. Welsh in *Great Basin Nat.*, 46(2): 255 (1986): *A. eastwoodiae*.
filicalis
 subsp. *teddii* (Turrill) A. Strid in *A. Strid (ed.), Mount. Fl. Greece*, 1: 86 (1986): *A. teddii*.
globuliflora K.H. Rechinger in *Fl. Iran.*, 163: 27 (1988)—Afghanistan.
gothica
 var. *fugax* (Gay ex Gren.) M.B. Wyse Jackson & J.A.N. Parnell in *Watsonia*, 16(4): 382 (1987): *A. ciliata* β *fugax*.
 subsp. *moehringioides* (J. Murr) M.B. Wyse Jackson & J.A.N. Parnell in *Watsonia*, 16(4): 382 (1987): *A. moehringioides*.
grandiflora
 subsp. *glabrescens* (Willk.) G. López González & G. Nieto Feliner in *An. Jard. Bot. Madrid*, 42(2): 351 (1985 publ. 1986): *A. incrassata* var. *glabrescens*.
griffithii
 var. *multiflora* (Gilli) K.H. Rechinger in *Fl. Iran.*, 163: 23 (1988): *A. multiflora*.
ledebouriana
 var. *grandiflora* P. Hartvig & A. Strid in *Bot. Jahrb.*, 108(2-3): 318 (1987)—Turkey.
leptoclados
 subsp. *viscidula* (Rouy & Fouc.) F. Dvořák in *Biologia, A (Czechoslovakia)*, 39(9): 835 (1984): *A. serpyllifolia* β. *viscidula*.
modesta
 subsp. *tenuis* (Gay) G. López González & G. Nieto Feliner in *An. Jard. Bot. Madrid*, 42(2): 359 (1985 publ. 1986): *A. tenuis*.
mons-cragus Kit Tan & F. Sorger in *Pl. Syst. Evol.*, 155(1-4): 94 (1987)—Turkey.

ARENARIA :-

- oscensis* (Pau) G. López González & G. Nieto Feliner in *An. Jard. Bot. Madrid*, 42(2): 357 (1985 publ. 1986): *A. aggregata* var. *oscensis*.
redowskii
 subsp. *ajanensis* V.N. Voroshilov in *Byull. Mosk. Obshch. Ispyt. Prir.*, 91(3): 109 (1986)—U.S.S.R. (Soviet Far East).
 subsp. *baburini* V.N. Voroshilov in *Byull. Mosk. Obshch. Ispyt. Prir.*, 91(3): 108 (1986)—U.S.S.R. (Soviet Far East).
serpyllifolia
 subsp. *aegaea* (Rech. f.) J.R. Akeroyd in *Bot. J. Linn. Soc.*, 97(4): 337 (1988): *A. aegaea*.
sivasica Kit Tan & F. Sorger in *Pl. Syst. Evol.*, 155(1-4): 94 (1987)—Turkey.
souliei A.M. Romo in *Soc. Ech. Pl. Vasc. Eur. Bassin Médit. Bull.*, 22: 79 (1986-87 publ. 1988), nom. nov.: *A. hispida* var. *hispanica* Coste & Soulié.
surculosa K.H. Rechinger in *Fl. Iran.*, 163: 24 (1988)—Afghanistan.
tetraquetra
 subsp. *murcica* (Font Quer) C. Favarger & G. Nieto Feliner in *Bot. J. Linn. Soc.*, 97(1): 3 (1988): *A. aggregata* var. *murcica*.

ARENAGA (Palmae).

- longicarpa* C.F. Wei in *Acta Bot. Austro Sinica*, 4: 7 (1989)—China.
micrantha C.F. Wei in *Acta Phytotax. Sin.*, 26(5): 404 (1988)—Xizang.

ARGOCOFFEOPSIS (Rubiace.).

- eketensis* (Wernh.) E. Robbrecht in *Bull. Jard. Bot. Nation. Belg.*, 56(1-2): 158 (1986): *Coffea eketensis*.

ARGOPHYLLUM (Escalloniace.).

- verae* P.I. Forster in *Austrobaileya*, 3(2): 173 (1990)—Australia (Queensland).

ARGOSTEMMA (Rubiace.).

- apiculatum* B. Bremer in *Ann. Missouri Bot. Gard.*, 76(1): 21 (1989)—Borneo (Sarawak).
brookei B. Bremer in *Ann. Missouri Bot. Gard.*, 76(1): 38 (1989)—Borneo (Sarawak).
burtii B. Bremer in *Ann. Missouri Bot. Gard.*, 76(1): 22 (1989)—Borneo (Sarawak).
calcicolum B. Bremer in *Ann. Missouri Bot. Gard.*, 76(1): 40 (1989)—Borneo (Sarawak).
chaii B. Bremer in *Ann. Missouri Bot. Gard.*, 76(1): 34 (1989), nom. nov.: *A. enerve* Ridley (1927).
gaharuense B. Bremer in *Ann. Missouri Bot. Gard.*, 76(1): 26 (1989)—Borneo (Sarawak).
geesinkii B. Bremer in *Ann. Missouri Bot. Gard.*, 76(1): 25 (1989)—Borneo (Kalimantan, Sabah, Sarawak).
hainanicum H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(4): 46 (1986)—China.
parvifolium
 f. *hirsutum* (Ridl.) B.C. Stone in *Fed. Mus. J. (Kuala Lumpur)*, 26(1): 135 (1981): *A. parvifolium* var. *hirsutum*.
yunnanense How ex H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(4): 45 (1986)—China.

ARGUSIA (Boraginac.).

- argentea* (L.f.) G. Murata in *Acta Phytotax. Geobot.*, 39(4-6): 164 (1988): *Tournefortia argentea*.

ARGYREIA (Convolvulac.).

- baoshanensis* S.H. Huang in *Acta Phytotax. Sin.*, 24(1): 19 (1986)—China.
osyrensis
 var. *aggregata* (Roxb.) K.K.N. Nair in K.K.N. Nair & M.P. Nayar, *Fl. Courtallum*, 2: 241 (1987): *Lettsomia aggregata*.
strigosa
 subsp. *minor* (C.B. Clarke) G. Panigrahi & S.K. Murti, *Fl. Bilaspur District*, 1: 383 (1989): *Lettsomia setosa* var. *minor*.
 subsp. *obovata* (C.B. Clarke) G. Panigrahi & S.K. Murti, *Fl. Bilaspur District*, 1: 383 (1989): *Lettsomia setosa* var. *obovata*.

ARGYROLOBIUM (Legumin.).

- zanonii*
 subsp. *fallax* (Ball) W. Greuter in *Willdenowia*, 15(2): 424 (1986): *A. linnaeanum* subsp. *fallax*.
 subsp. *grandiflorum* (Boiss. & Reuter) W. Greuter in *Willdenowia*, 15(2): 424 (1986): *A. grandiflorum*.
 subsp. *stipulaceum* (Ball) W. Greuter in *Willdenowia*, 15(2): 424 (1986): *A. linnaeanum* subsp. *stipulaceum*.

ARIOCARPUS (Cactac.).

- fissuratus*
 var. *hintonii* W. Stuppy & N.P. Taylor in *Bradleya*, 7: 84 (1989)—Mexico.

ARISAEMA (Arac.).

- agasthyanum* M. Sivadasan & C. Sathish Kumar in *Aroidaeana*, 10(4): 19 (1987)—India.
amurense
 f. *violaceum* (Engler) Y.S. Kim & S.C. Ko in *Korean J. Pl. Taxon.*, 15(2): 76 (1985): *A. amurense* var. *violaceum*.
bannaense H. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 101 (1988)—China.
daochengense P.C. Kao in *Acta Bot. Yunnanica*, 11(3): 309 (1989)—China.
ehimense J. Murata & J. Ohno in *J. Jap. Bot.*, 64(11): 348 (1989)—Japan.
flavum
 subsp. *abbreviatum* (Schott) J. Murata in *J. Jap. Bot.*, 65(3): 71 (1990): *A. abbreviatum*.
 subsp. *tibeticum* J. Murata in *J. Jap. Bot.*, 65(3): 71 (1990)—Xizang, China, Assam, Bhutan.
griffithii
 var. *pradhanii* (C.E.C. Fischer) U.C. Pradhan in *Himalayan Pl. J.*, 4(9-10): 16 (1986): *A. pradhanii*.
heterocephalum
 subsp. *majus* (Serizawa) J. Murata in *Acta Phytotax. Geobot.*, 36(4-6): 137 (1985): *A. heterocephalum* var. *majus*.
intermedium
 var. *biflagellatum* (Hara) U.C. Pradhan, *Himalayan Cobra-Lilies (Arisaema) Bot. & Cult.*: 45 (1990): *A. biflagellatum*.
ishizuchiense
 var. *alpicola* S. Serizawa in *J. Jap. Bot.*, 61(1): 25 (1986)—Japan.
 subsp. *brevicollum* (Ohashi & J. Murata) S. Serizawa in *J. Jap. Bot.*, 61(1): 25 (1986): *A. ishizuchiense* var. *brevicollum*.
minus (Serizawa) J. Murata in *Acta Phytotax. Geobot.*, 37(1-3): 37 (1986): *A. kishidae* var. *minus*.
monophyllum
 f. *akitense* (Nakai) H. Ohashi in *J. Jap. Bot.*, 61(6): 172 (1986): *A. akitense*.
moonenyanum M.G. Gilbert & S.J. Mayo in *Kew Bull.*, 41(2): 270 (1986)—Ethiopia.
nikoense
 subsp. *australe* (M. Hotta) S. Serizawa in *J. Jap. Bot.*, 61(1): 28 (1986): *A. nikoense* var. *australe*.
 var. *kaimontanum* S. Serizawa in *J. Jap. Bot.*, 61(1): 28 (1986)—Japan.
omeiense P.C. Kao in *Acta Bot. Yunnanica*, 11(3): 308 (1989)—China.
ovale
 var. *inaense* (Serizawa) J. Murata in *J. Fac. Sci. Univ. Tokyo, Bot.*, 14(1): 66 (1986): *A. robustum* var. *inaense*.
 var. *sadoense* (Nakai) J. Murata in *J. Fac. Sci. Univ. Tokyo, Bot.*, 14(1): 64 (1986): *A. sadoense*.
peninsulae
 f. *convolutum* (Nakai) Y.S. Kim & S.C. Ko in *Korean J. Pl. Taxon.*, 15(2): 80 (1985): *A. convolutum*.
pingbianense H. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 99 (1988)—China.
polydactylum H. Riedl in *Lin. Biol. Beitr.*, 22(1): 298 (1990)—Ethiopia.
sachalinense (Miyabe & Kudo) J. Murata in *J. Fac. Sci. Univ. Tokyo, Bot.*, 14(1): 66 (1986): *A. amurense* var. *sachalinense*.
somalense M.G. Gilbert & S.J. Mayo in *Kew Bull.*, 41(2): 274 (1986)—Somali Republic.
taiwanense J. Murata in *J. Jap. Bot.*, 60(12): 353 (1985)—Taiwan.
 var. *brevipedunculatum* J. Murata in *J. Jap. Bot.*, 60(12): 356 (1985)—Taiwan.

ARISAEMA :-

- ulugurensis M.G. Gilbert & S.J. Mayo in *Fl. Trop. E. Afr., Arac.*: 64 (1985)—Tanzania.
 undulatifolium
 var. limbatum (F. Maekawa) H. Ohashi in *J. Jap. Bot.*, 61(6): 172 (1986); A. limbatum.
 f. limbatum (F. Maekawa) H. Ohashi in *J. Jap. Bot.*, 61(6): 172 (1986); A. limbatum.
 verrucosum
 var. utile (Hook. f. ex Schott) U.C. Pradhan, *Himalayan Cobra-Lilies (Arisaema) Bot. & Cult.*: 59 (1990); A. utile.

ARISARUM (Arac.).

- simorrhinum
 var. clusii (Schott) S. Talavera in *Lagascalia*, 14(1): 116 (1986); A. clusii.
 var. subxertum (Webb & Berthelot) S. Talavera in *Lagascalia*, 14(1): 115 (1986), without exact basionym date: A. subxertum.

ARISTEA (Iridac.).

- angolensis
 var. robusta W. Marais in *Kew Bull.*, 42(4): 932 (1987)—Tanzania.
 cognata
 subsp. abyssinica (Pax) W. Marais in *Kew Bull.*, 42(4): 932 (1987); A. abyssinica.
 lukwangulensis W. Marais in *Kew Bull.*, 42(4): 932 (1987)—Tanzania.

ARISTIDA (Gramin.).

- alpina L. Liou in *Fl. Xizangica*, 5: 82 (1987)—Xizang.
 bissei L. Catasús Guerra in *Acta Bot. Cubana*, 24: 4 (1985)—Cuba.
 brevissima L. Liou in *Fl. Xizangica*, 5: 80 (1987)—Xizang.
 correlliae P.M. McKenzie, L.E. Urbatsch & G.R. Proctor in *Syst. Bot.*, 15(3): 421 (1990)—Turks & Caicos Is., Bahama Is.
 dominii B.K. Simon in *Austrobaileya*, 2(3): 281 (1986)—Australia (Queensland, W. Australia, N. Terr.).
 ferrilateris S.M. Phillips in *Kew Bull.*, 41(4): 1029 (1986)—Yemen, Saudi Arabia, Ethiopia.
 holathera
 var. latifolia (B. Simon) B.K. Simon in *Austrobaileya*, 2(3): 283 (1986); A. browniana var. latifolia.
 jaucensis L. Catasús Guerra in *Acta Bot. Cubana*, 24: 2 (1985)—Cuba.
 pendula H.M. Longhi-Wagner in *Bradea*, 5(5): 59 (1988)—Brazil.
 pinifolia L. Catasús Guerra in *Acta Bot. Cubana*, 24: 3 (1985)—Cuba.
 purpurens
 var. tenuispica (Hitchc.) K.W. Allred in *Rhodora*, 88(855): 383 (1986); A. tenuispica.
 var. virgata (Trin.) K.W. Allred in *Rhodora*, 88(855): 383 (1986); A. virgata.
 sandinensis L. Catasús Guerra in *Acta Bot. Cubana*, 24: 2 (1985)—Cuba.
 scabrescens L. Liou in *Fl. Xizangica*, 5: 84 (1987)—Xizang.
 tricornis H. Scholz & P. König in *Willdenowia*, 17(1-2): 111 (1988)—Saudi Arabia, Yemen.
 tsangpoensis L. Liou in *Fl. Xizangica*, 5: 82 (1987)—Xizang.

ARISTOCAPSA J.L. Reveal & C.B. Hardham in

- Phytologia*, 66(2): 84 (1989), POLYGONACEAE.
 insignis (Curran) J.L. Reveal & C.B. Hardham in *Phytologia*, 66(2): 84 (1989); Chorizanthe insignis.

ARISTOGEITONIA (Euphorbiac.).

- lophirifolia A. Radcliffe-Smith in *Kew Bull.*, 43(4): 629 (1988)—Madagascar.
 perrieri (Leandri) A. Radcliffe-Smith in *Kew Bull.*, 43(4): 627 (1988); Paragelonium perrieri.

ARISTOLOCHIA (Aristolochiac.).

- subser. Anthocaulicae F.A. González Garavito in *Fl. Colombia*, 12: 128 (1990).
 ser. Hexandrae F.A. González Garavito in *Fl. Colombia*, 12: 78 (1990), without type.
 subser. Hexandrae F.A. González Garavito in *Fl. Colombia*, 12: 82 (1990), without type.

ARISTOLOCHIA :-

- ser. Hexodon (Duch.) J.S. Ma in *Acta Phytotax. Sin.*, 27(5): 350 (1989); A. sect. Hexodon.
 sect. Leptosiphisia J.S. Ma in *Acta Phytotax. Sin.*, 27(5): 346 (1989).
 sect. Obliquosiphisia J.S. Ma in *Acta Phytotax. Sin.*, 27(5): 350 (1989).
 sect. Odontosiphisia J.S. Ma in *Acta Phytotax. Sin.*, 27(5): 346 (1989).
 ser. Thyrsicae F.A. González Garavito in *Fl. Colombia*, 12: 45 (1990).
 amara (Aublet) O. Poncey in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 10(4): 344 (1988 publ. 1989); Abuta amara.
 austrochinensis C.Y. Cheng & J.S. Ma in *Acta Phytotax. Sin.*, 27(4): 293 (1989)—China, Hainan.
 austrozachuanica Chien & Cheng ex C.Y. Cheng & J.L. Wu in *J. Wuhan Bot. Res.*, 5(3): 221 (1987)—China.
 baracoensis R. Rankin Rodriguez in *Rev. Jard. Bot. Nacion. Univ. Habana*, 10(3): 203 (1989)—Cuba.
 barbourii K. Barringer in *Brittonia*, 38(2): 128 (1986), as 'barbouri'—Peru.
 bukuti O. Poncey in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 10(4): 337 (1988 publ. 1989)—French Guiana.
 cabreriae L.Z. Ahumada in *Folia Bot. Geobot. Correntesiana*, 2: 1 (1989)—Brazil.
 caulialata C.Y. Wu ex C.Y. Cheng & J.S. Ma in *Acta Phytotax. Sin.*, 27(4): 294 (1989)—China.
 chuandianensis Z.L. Yang in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(1): 39 (1990)—China.
 cinnabarina C.Y. Cheng & J.L. Wu in *J. Wuhan Bot. Res.*, 5(3): 219 (1987)—China.
 compressicaulis Z.L. Yang in *J. Wuhan Bot. Res.*, 6(1): 32 (1988), with two types cited—China.
 cremersii O. Poncey in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 10(4): 339 (1988 publ. 1989)—French Guiana.
 flava O. Poncey in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 10(4): 341 (1988 publ. 1989)—French Guiana.
 forrestiana J.S. Ma in *Acta Bot. Yunnanica*, 11(3): 321 (1989)—China.
 fosteri K. Barringer in *Brittonia*, 38(2): 129 (1986)—Peru.
 guianensis O. Poncey in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 10(4): 343 (1988 publ. 1989)—French Guiana, Surinam.
 hockii
 subsp. tuberculata B. Verdcourt in *Fl. Trop. E. Afr., Aristolochiac.*: 7 (1986)—Tanzania.
 hutchisonii K. Barringer in *Brittonia*, 38(2): 131 (1986)—Peru.
 impudica J. Ortega Ortiz in *Biotica*, 12(3): 213 (1987)—Mexico.
 incisiloba C.C.H. Jongkind in *Bull. Jard. Bot. Nation. Belg.*, 60(1-2): 147 (1990)—Gabon.
 jinshanensis Z.L. Yang & S.X. Tan in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 129 (1987)—China.
 krisagathra V.V. Sivarajan & A.K. Pradeep in *Pl. Syst. Evol.*, 163(1-2): 31 (1989)—India.
 kunmingensis C.Y. Cheng & J.S. Ma in *Acta Phytotax. Sin.*, 27(4): 296 (1989)—China.
 liangshanensis Z.L. Yang in *J. Wuhan Bot. Res.*, 6(1): 30 (1988)—China.
 neolongifolia J.L. Wu & Z.L. Yang in *J. Wuhan Bot. Res.*, 5(3): 223 (1987)—China.
 odorata A. Aikman in *H. Barham, Hort. Amer.*: 215, 44 (1794), orth. var. for A. odoratissima L.; cf. D.J. Mabberley in *Taxon*, 30(1): 13 (1981)—Jamaica.
 pallida
 subsp. castellana E. Nardi in *Webbia*, 42(1): 15 (1988)—Spain.
 rechingieriana Kit Tan & F. Sorger in *Pl. Syst. Evol.*, 155(1-4): 101 (1987)—Turkey.
 rotunda
 subsp. reichsteini E. Nardi in *Bot. Helvetica*, 97(2): 162 (1987)—Jugoslavia.
 salweenensis C.Y. Cheng & J.S. Ma in *Acta Phytotax. Sin.*, 27(4): 295 (1989)—China.
 veracruzana J. Ortega Ortiz in *Biotica*, 12(3): 209 (1987)—Mexico.
 wardiana J.S. Ma in *Acta Phytotax. Sin.*, 27(5): 348 (1989)—Burma, India.
 zhongdianensis J.S. Ma in *Acta Phytotax. Sin.*, 27(5): 339 (1989)—China.

ARMATOCEREUS (Cactac.).

- brevispinus J.E. Madsen in *Fl. Ecuador*, 35(45): 9 (1989)—Ecuador.

ARMENIACA (Rosac.).

- communis Besser, *Cat. Jard. Bot. Krz.*: 12 (1810); cf. D.J. Mabberley in *Taxon*, 31(1): 69 (1982)—Locality not stated.
 holosericea
 var. xupuensis T.Z. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 67 (1989)—China.
 mandshurica
 var. glabra (Nakai) T.T. Yü & L.T. Lu in *Fl. Reipubl. Popul. Sin.*, 38: 31 (1986); Prunus mandshurica var. glabra.
 f. major T.Z. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 67 (1989)—China.
 mume
 var. cernua (Franch.) T.T. Yü & L.T. Lu in *Fl. Reipubl. Popul. Sin.*, 38: 32 (1986); Prunus mume var. cernua.
 var. pallescens (Franch.) T.T. Yü & L.T. Lu in *Fl. Reipubl. Popul. Sin.*, 38: 32 (1986); Prunus mume var. pallescens.
 sibirica
 var. multipetala G.S. Liu & L.B. Zhang in *Acta Phytotax. Sin.*, 27(5): 394 (1989)—China.
 var. pleniflora J.Y. Zhang, T.Z. Li, X.J. Li & Y. He in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(3): 65 (1989)—China.
 vulgaris
 var. ansu (Maxim.) T.T. Yü & L.T. Lu in *Fl. Reipubl. Popul. Sin.*, 38: 26 (1986); Prunus armeniaca var. ansu.
 var. meixianensis J.Y. Zhang, T.Z. Li, X.J. Li & Y. He in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(3): 66 (1989)—China.
 var. rusanica Korsh. ex E.A. Sokolova in *Byull. Vses. Ord. Lenina Inst. Rast. N.I. Vavilova*, 166: 54 (1986)—U.S.S.R. (Middle Asia).
 var. xiongyuensis T.Z. Li, J.Y. Zhang, X.J. Li & Y. He in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(3): 65 (1989)—China.

ARMERIA (Plumbaginac.).

- albi (Bernis) G. Nieto Feliner in *An. Jard. Bot. Madrid*, 44(2): 333 (1987); A. maritima var. albi.
 arenaria
 subsp. bilbilitana (Bernis) G. Nieto Feliner in *An. Jard. Bot. Madrid*, 44(2): 341 (1987); A. maritima var. bilbilitana.
 subsp. bupleuroides (Godron & Gren.) W. Greuter & Burdet in *Willdenowia*, 19(1): 39 (1989); A. bupleuroides.
 subsp. confusa (Bernis) G. Nieto Feliner in *An. Jard. Bot. Madrid*, 44(2): 341 (1987); A. maritima subvar. confusa.
 subsp. praecox (Jordan) M. Kerguelen in *Lejeunia*, 120: 49 (1987); Statice praecox.
 subsp. segoviensis (Gandoger ex Bernis) G. Nieto Feliner in *An. Jard. Bot. Madrid*, 44(2): 340 (1987); A. maritima var. segoviensis.
 subsp. vestita (Willk.) G. Nieto Feliner in *An. Jard. Bot. Madrid*, 44(2): 341 (1987); A. vestita.
 belgenciensis Donadille ex M. Kerguelen in *Lejeunia*, 120: 49 (1987)—France.
 bigerrensis
 subsp. microcephala (Willk.) G. Nieto Feliner in *An. Jard. Bot. Madrid*, 44(2): 343 (1987); A. alpina var. microcephala.
 bourgaei
 subsp. lanceobracteata (Lawrence) G. Nieto Feliner in *An. Jard. Bot. Madrid*, 44(2): 336 (1987); A. lanceobracteata.
 subsp. willkommiana (Bernis) G. Nieto Feliner in *An. Jard. Bot. Madrid*, 44(2): 336 (1987); A. maritima var. willkommiana.
 castroviejoi G. Nieto Feliner in *An. Jard. Bot. Madrid*, 44(2): 330 (1987)—Spain.
 genesiana G. Nieto Feliner in *An. Jard. Bot. Madrid*, 44(2): 332 (1987)—Spain.
 genesiana
 subsp. belmontei (Pinto da Silva) G. Nieto Feliner in *An. Jard. Bot. Madrid*, 44(2): 333 (1987); A. langei subsp. belmontei.
 helodes F. Martini & L. Poldini in *Candollea*, 42(2): 537 (1987)—Italy.

ARMERIA :-

- linkiana *G. Nieto Feliner in An. Jard. Bot. Madrid*, 44(2): 332 (1987), nom. nov.: *A. littoralis Hoffmanns. & Link.*
- malacitana *G. Nieto Feliner in An. Jard. Bot. Madrid*, 44(2): 338 (1987), nom. nov.: *A. filicaulis* var. *longifolia* Willk.
- merinoi (*Bernis*) *G. Nieto Feliner & Silva Pando in An. Jard. Bot. Madrid*, 44(2): 328 (1987): *A. maritima* var. *merinoi*.
- pauana (*Bernis*) *G. Nieto Feliner in An. Jard. Bot. Madrid*, 44(2): 333 (1987): *A. maritima* var. *pauana*.
- quichiotis (*González Albo*) *A.W. Hill, Index Kewensis*, Supp. 9: 25 (1938): *Stactice quichiotis*.
- rothmaleri *G. Nieto Feliner in An. Jard. Bot. Madrid*, 44(2): 339 (1987)—Spain.
- salmantica (*Bernis*) *G. Nieto Feliner in An. Jard. Bot. Madrid*, 44(2): 329 (1987): *A. maritima* var. *salmantica*.
- sampaioi (*Bernis*) *G. Nieto Feliner in An. Jard. Bot. Madrid*, 44(2): 328 (1987): *A. maritima* var. *sampaioi*.
- segoviensis
subsp. *lacaitae* (*Huguet del Villar*) *S. Rivas-Martínez, F. Fernández González & D. Sánchez-Mata in Opusc. Bot. Pharm. Complutensis*, 2: 104 (1986): *Stactice lacaitae*.
- villosa
subsp. *alcaracensis* *G. Nieto Feliner in An. Jard. Bot. Madrid*, 44(2): 337 (1987)—Spain.
- subsp. *bernisii* *G. Nieto Feliner in An. Jard. Bot. Madrid*, 44(2): 337 (1987)—Spain.
- subsp. *carratracensis* (*Bernis*) *G. Nieto Feliner in An. Jard. Bot. Madrid*, 44(2): 337 (1987): *A. maritima* subvar. *carratracensis*.
- subsp. *longiaristata* (*Boiss. & Reuter*) *G. Nieto Feliner in An. Jard. Bot. Madrid*, 44(2): 336 (1987): *A. longiaristata*.
- subsp. *provillosa* (*Bernis*) *G. Nieto Feliner in An. Jard. Bot. Madrid*, 44(2): 337 (1987): *A. maritima* var. *provillosa*.

ARMORACIA (Crucif.).

- lacustris (*A. Gray*) *I.A. Al-Shehbaz & V. Bates in J. Arnold Arbor.*, 68(3): 357 (1987): *Nasturtium lacustre*.

ARNEBIA (Boraginac.).

- euchroma
subsp. *afghanica* *F. Sadat in Mitt. Bot. Staatssamml. München*, 28: 151 (1989)—Afghanistan.
- subsp. *andarabica* *F. Sadat in Mitt. Bot. Staatssamml. München*, 28: 152 (1989)—Afghanistan.
- guttata
subsp. *griffithii* (*Boiss.*) *F. Sadat in Mitt. Bot. Staatssamml. München*, 28: 128 (1989): *A. griffithii*.
- lindbergiana
subsp. *paghmanica* *F. Sadat in Mitt. Bot. Staatssamml. München*, 28: 132 (1989)—Afghanistan.
- obovata *A. Bunge, Beitr. Fl. Russl.*: 231 (1852)—U.S.S.R. (Middle Asia).†
- purpurea *S. Erik & H. Sümbül in Notes Roy. Bot. Gard. Edinburgh*, 44(1): 151 (1986)—Turkey.

ARNICA (Compos.).

- ciliata *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14*: 768 (1784)—Japan.†
- fennoscandica *B.A. Yurtsev & A.A. Korobkov in Arktich. Fl. SSSR*, 10: 191 (1987), nom. nov.: *A. montana alpina* L.
- frigida
subsp. *griscomii* (*Fern.*) *S.R. Downie in Canad. J. Bot.*, 64(7): 1369 (1986): *A. griscomii*.
- griscomii
subsp. *frigida* (*Iljin*) *S.J. Wolf in Taxon*, 38(1): 142 (1989): *A. frigida*.
- japonica *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14*: 768 (1784)—Japan.†
- palmata *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14*: 768 (1784)—Japan.†

ARNICASTRUM (Compos.).

- guerrrense *J.L. Villaseñor in Syst. Bot.*, 11(2): 277 (1986)—Mexico.

ARNOCRINUM (Anthericac.).

- gracillimum *G.J. Keighery in Fl. Australia*, 45: 466, 246 (1987)—Australia (W. Australia).

ARRHENATHERUM (Gramin.).

- elatus
f. *bulbosum* (*Willdenow*) *T. Koyama, Grasses of Japan & Neighbour. Regions*: 486 (1987): *Avena bulbosa*.
- rupestre (*Dumort.*) *B.D. Jackson in Index Kewensis*, 1: 193 (1753–1885 publ. 1893): *A. avenaceum* * (subsp.) *rupestre*.
- tuberosum
subsp. *baeticum* (*Romero Zarco*) *S. Rivas-Martínez, F. Fernández González & D. Sánchez-Mata in Opusc. Bot. Pharm. Complutensis*, 2: 105 (1986): *A. elatus* subsp. *baeticum*.

ARROJADOA (Cactac.).

- aureispina
var. *anguinea* *P.J. Braun & E. Esteves Pereira in Cact. Succ. J. (U.S.A.)*, 60(4): 174 (1988)—Brazil.
- beatae *P.J. Braun & E. Esteves Pereira in Kakt. And. Sukk.*, 40(10): 254 (1989)—Brazil.
- polyantha (*Werdermann*) *D. Hunt in Bradleya*, 5: 92 (1987): *Cephalocereus polyanthus*.
- rhodantha
subsp. *canudosensis* (*Buining & Brederoo*) *P.J. Braun in Bradleya*, 6: 90 (1988): *A. canudosensis*.
- var. *theunisseniana* (*Buining & Brederoo*) *P.J. Braun in Bradleya*, 6: 90 (1988): *A. theunisseniana*.

ARSENJEVIA *V.N. Starodubtsev in Bot. Zhurn.*, 74(9): 1344 (1989). **RANUNCULACEAE**.

- baikalensis (*Fisch. ex Turcz.*) *V.N. Starodubtsev in Bot. Zhurn.*, 74(9): 1345 (1989): *Anemone baikalensis*.
- flaccida (*Fr. Schmidt.*) *V.N. Starodubtsev in Bot. Zhurn.*, 74(9): 1345 (1989): *Anemone flaccida*.
- glabrata (*Maxim.*) *V.N. Starodubtsev in Bot. Zhurn.*, 74(9): 1345 (1989): *Anemone baikalensis* var. *glabrata*.
- prattii (*Huth ex Ulbr.*) *V.N. Starodubtsev in Bot. Zhurn.*, 74(9): 1345 (1989): *Anemone prattii*.
- rossii (*S. Moore*) *V.N. Starodubtsev in Bot. Zhurn.*, 74(9): 1345 (1989): *Anemone rossii*.

ARTEMISIA (Compos.).

- ser. *Abrotana* (*Bess.*) *Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 18 (1988): *A. sect. Abrotanum*.
- subsect. *Abrotanum* *Sh. Dariĭmaa in Bot. Zhurn.*, 73(10): 1467 (1988).
- subsect. *Absinthium* *Sh. Dariĭmaa in Bot. Zhurn.*, 73(10): 1469 (1988).
- subsect. *Adenophorae* *Sh. Dariĭmaa in Bot. Zhurn.*, 73(10): 1468 (1988).
- ser. *Anomalae* *Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 42 (1988), without latin descr.
- subsect. *Aralocaspicae* *N.S. Filatova in Novosti Sist. Vyssh. Rast.*, 23: 231 (1986).
- subsect. *Argyrotichae* *Sh. Dariĭmaa in Bot. Zhurn.*, 73(10): 1468 (1988).
- sect. *Boreales* *Sh. Dariĭmaa in Bot. Zhurn.*, 73(10): 1469 (1988).
- sect. *Calciphilum* *N.S. Filatova in Novosti Sist. Vyssh. Rast.*, 23: 217 (1986).
- sect. *Campestres* *Sh. Dariĭmaa in Bot. Zhurn.*, 73(10): 1469 (1988), homonym; see *Korobkov, Polyni Severo-Vostoka SSSR*: 112 (1981).
- ser. *Codonocephalae* (*Pamp.*) *Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 22 (1988): *A. subsect. Codonocephalae*.
- subsect. *Europaeae* *N.S. Filatova in Novosti Sist. Vyssh. Rast.*, 23: 229 (1986).
- ser. *Fulgentes* (*Pamp.*) *Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 36 (1988): *A. subsect. Fulgentes*.
- ect. *Halophilum* *N.S. Filatova in Novosti Sist. Vyssh. Rast.*, 23: 227 (1986).
- subsect. *Herbaceae* *N.S. Filatova in Novosti Sist. Vyssh. Rast.*, 23: 222 (1986).
- subsect. *Heterophyllae* *N.S. Filatova in Novosti Sist. Vyssh. Rast.*, 23: 231 (1986).
- subsect. *Heterophyllae* *Sh. Dariĭmaa in Bot. Zhurn.*, 73(10): 1468 (1988), homonym; see *Filatova in Novosti Sist. Vyssh. Rast.*, 23: 231 (1986).
- subsect. *Heterotrichae* *Sh. Dariĭmaa in Bot. Zhurn.*, 73(10): 1468 (1988).
- ser. *Igniariae* (*Pamp.*) *Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 30 (1988): *A. subsect. Igniariae*.
- subsect. *Junceae* *N.S. Filatova in Novosti Sist. Vyssh. Rast.*, 23: 219 (1986).
- sect. *Junceum Polyak. ex N.S. Filatova in Novosti Sist. Vyssh. Rast.*, 23: 219 (1986).
- subsect. *Kazachstanicae* *N.S. Filatova in Novosti Sist. Vyssh. Rast.*, 23: 227 (1986).
- subsect. *Knorringianae* *N.S. Filatova in Novosti Sist. Vyssh. Rast.*, 23: 236 (1986).
- subsect. *Lehmannianae* *N.S. Filatova in Novosti Sist. Vyssh. Rast.*, 23: 239 (1986).
- sect. *Leucophyton* *N.S. Filatova in Novosti Sist. Vyssh. Rast.*, 23: 222 (1986).
- ser. *Microcephalae* (*Kitam.*) *Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 24 (1988): *A. subser. Microcephalae*.
- subsect. *Mongolicae* *N.S. Filatova in Novosti Sist. Vyssh. Rast.*, 23: 234 (1986).
- ser. *Monophyllae* (*Kitam.*) *Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 32 (1988): *A. subsect. Monophyllae*.
- subsect. *Montanae* *N.S. Filatova in Novosti Sist. Vyssh. Rast.*, 23: 225 (1986).
- ser. *Moorcroftianae* (*Pamp.*) *Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 32 (1988): *A. subsect. Moorcroftianae*.
- subsect. *Orientalis* *N.S. Filatova in Novosti Sist. Vyssh. Rast.*, 23: 220 (1986).
- sect. *Paleodracunculus* *Sh. Dariĭmaa in Bot. Zhurn.*, 73(10): 1469 (1988).
- subsect. *Polyanthae* *Sh. Dariĭmaa in Bot. Zhurn.*, 73(10): 1468 (1988).
- subsect. *Prasiniae* *N.S. Filatova in Novosti Sist. Vyssh. Rast.*, 23: 225 (1986).
- sect. *Psammophilae* *Sh. Dariĭmaa in Bot. Zhurn.*, 73(10): 1470 (1988).
- sect. *Pycnanthum* *N.S. Filatova in Novosti Sist. Vyssh. Rast.*, 23: 236 (1986).
- subsect. *Rhodanthae* *N.S. Filatova in Novosti Sist. Vyssh. Rast.*, 23: 236 (1986).
- subsect. *Robustae* *N.S. Filatova in Novosti Sist. Vyssh. Rast.*, 23: 220 (1986).
- sect. *Salsoloides* *T.G. Leonova in Novosti Sist. Vyssh. Rast.*, 25: 144 (1988).
- sect. *Sclerophyllum* *N.S. Filatova in Novosti Sist. Vyssh. Rast.*, 23: 224 (1986).
- ser. *Selengenses* (*Pamp.*) *Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 35 (1988): *A. subsect. Selengenses*
- ser. *Serpens* (*Kitam.*) *Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 34 (1988): *A. subsect. Serpens*.
- ser. *Sieversianae* (*Kitam.*) *Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 4 (1988): *A. subsect. Sieversianae*.
- sect. *Stenophyllae* *Sh. Dariĭmaa in Bot. Zhurn.*, 73(10): 1469 (1988).
- subsect. *Tauricae* *N.S. Filatova in Novosti Sist. Vyssh. Rast.*, 23: 229 (1986).
- subsect. *Turanicae* *N.S. Filatova in Novosti Sist. Vyssh. Rast.*, 23: 224 (1986).
- ser. *Umbrosae* (*Pamp.*) *Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 21 (1988): *A. subsect. Umbrosae*.
- andersiana *D. Podlech in Fl. Iran.*, 158: 173 (1986)—Afghanistan.
- argyrophylla
var. *brevis* (*Pamp.*) *Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 7 (1988): *A. brevis*.
- australimalayaensis *Y.R. Ling & H.S. Puri in Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 7 (1988), nom. nov.: *A. tenuifolia* *Y.R. Ling & H.S. Puri*.
- australimalayana *Y.R. Ling & H.S. Puri in Guihaia*, 8(1): 64 (1988), nom. nov.: *A. tenuifolia* *Y.R. Ling & H.S. Puri*.

ARTEMISIA :-

- blepharolepis *A. Bunge, Beitr. Fl. Russl.*: 164 (1852)—Mongolia. †
- borealis
- var. *adamsii* (Bess.) T.G. Leonova in *Novosti Sist. Vyssh. Rast.*, 24: 194 (1987): *A. borealis* β. *adamsii*.
- var. *alluvialis* A.A. Korobkov in *Arktich. Fl. SSSR*, 10: 175 (1987)—U.S.S.R. (Soviet Far East).
- var. *ammophila* A.A. Korobkov in *Arktich. Fl. SSSR*, 10: 174 (1987)—U.S.S.R. (Siberia).
- subsp. *richardsoniana* (Bess.) A.A. Korobkov in *Arktich. Fl. SSSR*, 10: 178 (1987): *A. richardsoniana*.
- borealisiensis *Y.R. Ling & C.J. Humphries in Acta Bot. Austro Sinica*, 4: 33 (1989), as nom. nov., without latin descr. or type—Thailand.
- caerulescens
- subsp. *densiflora* (Viv.) Gamisans ex M. Kerguelen & J. Lambinon in *Lejeunia*, 120: 51 (1987): *A. densiflora*.
- subsp. *gargantae* J. Vallès-Xirau & J.A. Seoane-Camba in *Candollea*, 42(1): 370 (1987)—Spain.
- campestris
- var. *caudata* (Michaux) B.L. Turner in *Phytologia*, 68(3): 166 (1990): *A. caudata*.
- capillaris C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 743 (1784)—Japan. †
- chitralensis D. Podlech in *Fl. Iran.*, 158: 198 (1986)—Pakistan, Afghanistan.
- comaiensis *Ling & Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 3 (1988)—Xizang.
- condensata (Korobk.) A.P. Khokhryakov, *Analiz Fl. Kolym'skogo Nagor'ya*: 76 (1989): *A. kruhsiana* subsp. *condensata*.
- czukavinae N.S. Filatova in *Bot. Zhurn.*, 71(11): 1555 (1986)—U.S.S.R. (Middle Asia).
- desertorum
- var. *foetida* (Jacq. ex DC.) *Ling & Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 55 (1988): *A. foetida*.
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- emeiensis *Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 42 (1988), nom. nov.: *A. anthriscifolia* Chang.
- eranthema *A. Bunge, Beitr. Fl. Russl.*: 163 (1852)—U.S.S.R. (Middle Asia). †
- eriocarpa *A. Bunge, Beitr. Fl. Russl.*: 160 (1852)—U.S.S.R. (Middle Asia). †
- eripoda
- var. *gansuensis* *Ling & Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 7 (1988)—China.
- var. *maritima* *Ling & Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 6 (1988)—China.
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- var. *meiguensis* *Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 6 (1988)—China.
- freitagii D. Podlech in *Fl. Iran.*, 158: 193 (1986)—Afghanistan.
- ghazniensis D. Podlech in *Fl. Iran.*, 158: 213 (1986)—Afghanistan.
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- var. *longipedunculata* *Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 7 (1988)—China.
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- junatovii N.S. Filatova in *Bot. Zhurn.*, 71(11): 1552 (1986)—Xizang.
- kandaharensis D. Podlech in *Fl. Iran.*, 158: 217 (1986)—Afghanistan.
- kermanensis D. Podlech in *Fl. Iran.*, 158: 206 (1986)—Iran.
- khorassanica D. Podlech in *Fl. Iran.*, 158: 210 (1986)—Iran, Afghanistan.
- lactiflora
- var. *incisa* (Pamp.) *Ling & Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 42 (1988): *A. lactiflora* f. *incisa*.
- var. *taibaishanensis* X.D. Cui in *Fl. Tsinlingensis*, 1(5): 421, 274 (1985)—China.
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- var. *pilosuscula* (Krasch.) T.G. Leonova in *Novosti Sist. Vyssh. Rast.*, 24: 182 (1987): *A. latifolia* f. *pilosuscula*.
- lehmanniana A. Bunge, *Beitr. Fl. Russl.*: 164 (1852)—U.S.S.R. (Middle Asia). †
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- var. *sericophylla* (Rupr.) *Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 48 (1988): *A. sericophylla*.
- var. *tschernieviana* (Bess.) T.G. Leonova in *Novosti Sist. Vyssh. Rast.*, 24: 191 (1987): *A. tschernieviana*.
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- var. *paramilloensis* F.A. Roig & J.A. Ambrosetti in *Parodiana*, 5(2): 364 (1989)—Argentina.
- multiflora Trev., *Ind. Sem. Wratislav. App. III*: 1 (1821); cf. D.J. Mabberley in *Taxon*, 32(1): 84 (1983)—China.
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- var. *pleiocephala* (Pamp.) *Y.R. Ling in Kew Bull.*, 42(2): 446 (1987): *A. pleiocephala*.
- nujianensis (Ling & Y.R. Ling) *Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 26 (1988): *A. yunnanensis* var. *nujianensis*.
- occidentalisinensis *Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 2 (1988), as 'occidentalisinensis'—Xizang.
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- var. *gebleriana* (Bess.) *Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 51 (1988): *A. commutata* var. *gebleriana*.
- quettensis D. Podlech in *Fl. Iran.*, 158: 212 (1986)—Pakistan, Iran.
- robusta (Pamp.) *Ling & Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 26 (1988): *A. stronglylocephala* f. *robusta*.
- sacrorum
- var. *incana* (Bess.) *Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 13 (1988): *A. messerschmidiana* var. *incana*.
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- var. *integerrima* (Komar.) *Ling & Y.R. Ling ex X.D. Cui in Fl. Tsinlingensis*, 1(5): 271 (1985): *A. vulgaris* var. *integerrima*.
- var. *shansiensis* *Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 5 (1988)—China.
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- subsp. *deserticola* D. Podlech in *Fl. Iran.*, 158: 205 (1986)—Afghanistan.
- sogdiana A. Bunge, *Beitr. Fl. Russl.*: 167 (1852)—U.S.S.R. (Middle Asia). †
- swatensis D. Podlech in *Fl. Iran.*, 158: 189 (1986)—Pakistan.
- taibaishanensis *Y.R. Ling & C.J. Humphries in Bull. Bot. Res. North-East. Forest. Inst.*, 10(1): 17 (1990)—China.
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- var. *nitida* (Pamp.) *Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 33 (1988): *A. moorcroftiana* f. *nitida*.
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- subsp. *hultenii* (Maximova) V.G. Sergienko, *Fl. poluostrava Kanin*: 97 (1986): *A. hultenii*.
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- var. *minima* *Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 7 (1988)—China.
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- var. *pienmaensis* *Ling & Y.R. Ling in Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 6 (1988)—China.
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sect. *Dioscoridea* (*Engler*) *P. Boyce in Kew Bull.*, 44(3): 390 (1989): *A. § Dioscoridea*.
subsect. *Hygrophila* *P. Boyce in Kew Bull.*, 44(3): 391 (1989).
subsect. *Tenuifila* (*Engler*) *P. Boyce in Kew Bull.*, 44(3): 391 (1989): *A. § Tenuifila*.
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var. *caudatum* (*Engler*) *K. Alpinar & R.R. Mill in Fl. Turkey & E. Aegean Is.*, 10: 220 (1988): *A. conophalloides* var. *caudatum*.
var. *virescens* (*Stapf*) *K. Alpinar & R.R. Mill in Fl. Turkey & E. Aegean Is.*, 10: 220 (1988): *A. virescens*.
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subsp. *alpinariae* *K. Alpinar & R.R. Mill in Fl. Turkey & E. Aegean Is.*, 10: 236, 219 (1988)—Turkey.
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f. *majoricense* (*L. Chodat*) *M. Mus, J.J. Pericás & J.A. Rosselló in Candollea*, 42(1): 397 (1987): *A. majoricense*.
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f. *angustifolia* (*Mitf.*) *C.S. Chao & S.A. Renvoize in Kew Bull.*, 44(2): 368 (1989): *Bambusa angustifolia*.
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nanningensis *Q.H. Dai in J. Bamboo Res.*, 6(3): 35 (1987)—China.
pallidiflora (*McClure*) *T.H. Wen in J. Bamboo Res.*, 5(2): 19 (1986): *Indocalamus pallidiflorus*.
projecta *W.T. Lin in Guihaia*, 10(1): 16 (1990)—China.
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var. *disticha* (*Mitf.*) *C.S. Chao & S.A. Renvoize in Kew Bull.*, 44(2): 368 (1989): *Bambusa disticha*.
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schomburgkii *Benn. in Proc. Linn. Soc.*, 1: 51 (3 Mar. 1840); *Jardine et al., Ann. Mag. Nat. Hist.*, 30(1): 15 (1981)—cf. *D.J. Mabberley in Taxon*, Locality not stated.
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subsp. *riparia* (*Honda*) *T. Koyama, Grasses of Japan & Neighbour. Regions*: 488 (1987): *A. riparia*.
- ARUNDO** (Gramin.).
laxa (*Host.*) *G. Wahlenberg, Fl. Carpat. Princip.*: 35 (1814 publ. 1815): *Calamagrostis laxa*.
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dictyonera *S.T. Reynolds in Fl. Australia*, 25: 198, 93 (1985)—Australia (Queensland).
pauciflora *S.T. Reynolds in Fl. Australia*, 25: 198, 91 (1985)—Australia (Queensland).
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caulescens
f. *geroensis* *J. Ôhara in J. Phytogeogr. Taxon.*, 33(2): 72 (1985)—Japan.
celsum *F. Maek. ex S. Hatusima & E. Yamahata in J. Phytogeogr. Taxon.*, 36(1): 3 (1988)—Ryukyu Is.
chengkouense *Z.L. Yang in Acta Bot. Bor.-Occid. Sin.*, 5(1): 54 (1985)—China.
dissitum *F. Maek. ex S. Hatusima & E. Yamahata in J. Phytogeogr. Taxon.*, 36(1): 1 (1988)—Ryukyu Is.
gelasinum *S. Hatusima & E. Yamahata in J. Phytogeogr. Taxon.*, 36(1): 1 (1988)—Ryukyu Is.
gusk *S. Hatusima & E. Yamahata in J. Phytogeogr. Taxon.*, 36(1): 5 (1988)—Ryukyu Is.
hatsushimae *F. Maek. ex S. Hatusima & E. Yamahata in J. Phytogeogr. Taxon.*, 36(1): 3 (1988)—Ryukyu Is.
hexalobum
var. *controversum* *S. Hatusima & E. Yamahata in J. Phytogeogr. Taxon.*, 37(2): 71 (1989)—Japan.
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monodoriflorum *S. Hatusima & E. Yamahata in J. Phytogeogr. Taxon.*, 37(2): 72 (1989)—Ryukyu Is.
nobilissimum *Z.L. Yang in Acta Bot. Bor.-Occid. Sin.*, 5(1): 56 (1985), as 'nobilissimum'—China.
pellucidum *S. Hatusima & E. Yamahata in J. Phytogeogr. Taxon.*, 36(1): 5 (1988)—Ryukyu Is.
simile *S. Hatusima & E. Yamahata in J. Phytogeogr. Taxon.*, 36(1): 3 (1988)—Japan.
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subglobosum *F. Maek. ex S. Hatusima & E. Yamahata in J. Phytogeogr. Taxon.*, 37(2): 71 (1989)—Japan.
tokarensis *Hatusima ex S. Hatusima & E. Yamahata in J. Phytogeogr. Taxon.*, 36(1): 5 (1988)—Ryukyu Is.
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trinacriforme *S. Hatusima & E. Yamahata in J. Phytogeogr. Taxon.*, 36(1): 4 (1988)—Ryukyu Is.
wulongense *Z.L. Yang in Acta Bot. Yunnanica*, 8(3): 277 (1986)—China.
yunnanense *T. Sugawara, M. Ogisu & C.Y. Cheng in Acta Phytotax. Geobot.*, 41(1-3): 8 (1990)—China.
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pilosa *I.A. Al-Shehbaz in Syst. Bot.*, 15(3): 390 (1990)—Peru.
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cristanthera *C. Hansen in Nordic J. Bot.*, 7(6): 653 (1987)—Vietnam.
- ASCLEPIAS** (Asclepiadac.).
compressidens (*N.E. Br.*) *A. Nicholas in Bothalia*, 17(1): 19 (1987): *A. navicularis* var. *compressidens*.
gordon-grayae *A. Nicholas in Bothalia*, 17(1): 17 (1987)—South Africa (Natal).
oreophila *A. Nicholas ex O.M. Hilliard & B.L. Burt in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 192 (1986)—South Africa (Natal, Cape Province).
parasitica *Wall. ex Hornem., Hort. Hafn., Suppl.*: 126 (1819); cf. *D.J. Mabberley in Taxon*, 33(3): 436 (1984)—Locality not stated.
prolifera *Rottler ex W. Ainslie, Materia indica*, 2: 225 (1826); fide *D.J. Mabberley in Taxon*, 26(5-6): 536 (1977)—India.
sanjuanensis *K.D. Heil, J.M. Porter & S.L. Welsh in Great Basin Nat.*, 49(1): 100 (1989)—U.S.A. (New Mexico).
xysmalobioides *O.M. Hilliard & B.L. Burt in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 193 (1986)—South Africa (Natal), Lesotho.
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himalaicum (*Deb, Sengupta & Malick*) *E.A. Christenson in Notes Roy. Bot. Gard. Edinburgh*, 44(2): 256 (1987): *Saccolabium himalaicum*.
pusillum *L.V. Aever'yanov in Bot. Zhurn.*, 73(1): 104 (1988)—Vietnam.
rubrum (*Lindl.*) *G. Seidenfaden in Op. Bot.*, 95: 312 (1988): *Saccolabium rubrum*.
- ASCOCHILUS** (Orchidac.).
mindanaensis (*Ames*) *E.A. Christenson in Indian Orchid J.*, 1(4): 151 (1985); et in *Selbyana*, 9(1): 167 (1986): *Thrixspermum mindanaense*.
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alboaristatum (*Pillans*) *H.P. Linder in Bothalia*, 15(3-4): 431 (1985): *Chondropetalum alboaristatum*.
andreaeanum (*Pillans*) *H.P. Linder in Bothalia*, 15(3-4): 431 (1985): *Chondropetalum andreaeanum*.
chartaceum (*Pillans*) *H.P. Linder in Bothalia*, 15(3-4): 431 (1985): *Dovea chartacea*.
subsp. *alticolum* *E.E. Esterhuysen in Bothalia*, 15(3-4): 432 (1985)—South Africa (Cape Province).
esterhuyseniae (*Pillans*) *H.P. Linder in Bothalia*, 15(3-4): 432 (1985): *Chondropetalum esterhuyseniae*.
insigne (*Pillans*) *H.P. Linder in Bothalia*, 15(3-4): 432 (1985): *Chondropetalum insigne*.
longiflorum (*Pillans*) *H.P. Linder in Bothalia*, 15(3-4): 432 (1985): *Chondropetalum longiflorum*.
nitidum (*Mast.*) *H.P. Linder in Bothalia*, 15(3-4): 432 (1985): *Dovea nitida*.
paniculatum (*Mast.*) *H.P. Linder in Bothalia*, 15(3-4): 432 (1985): *Dovea paniculata*.
rugosum *E.E. Esterhuysen in Bothalia*, 15(3-4): 432 (1985)—South Africa (Cape Province).
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amoena (*Dahlg.*) *R. Dahlgren in Fl. S. Afr.*, 16(3-6): 357 (1988): *A. retroflexa* subsp. *amoena*.
brevicarpa (*Dahlg.*) *R. Dahlgren in Fl. S. Afr.*, 16(3-6): 321 (1988): *A. divaricata* subsp. *brevicarpa*.

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 cordicarpa R. Dahlgren in Fl. S. Afr., 16(3:6): 363 (1988)—South Africa (Cape Province).
 empetrifolia (Dahlg.) R. Dahlgren in Fl. S. Afr., 16(3:6): 358 (1988): A. retroflexa subsp. empetrifolia.
 horizontalis (Dahlg.) R. Dahlgren in Fl. S. Afr., 16(3:6): 323 (1988): A. divaricata subsp. horizontalis.
 isolata (Dahlg.) R. Dahlgren in Fl. S. Afr., 16(3:6): 179 (1988): A. varians subsp. isolata.
 katbergensis (Dahlg.) R. Dahlgren in Fl. S. Afr., 16(3:6): 265 (1988): A. simii subsp. katbergensis.
 keeromsbergensis R. Dahlgren in Fl. S. Afr., 16(3:6): 147 (1988)—South Africa (Cape Province).
 kougaensis (Garab. ex Dahlg.) R. Dahlgren in Fl. S. Afr., 16(3:6): 399 (1988): A. chortophila subsp. kougaensis.
 lebeckioides R. Dahlgren in Fl. S. Afr., 16(3:6): 85 (1988), nom. nov.: A. linearis subsp. latipetala Dahlg.
 lotoides
 subsp. lagopus (Thunb.) R. Dahlgren in Fl. S. Afr., 16(3:6): 27 (1988): Ononis lagopus.
 petersonii R. Dahlgren in Fl. S. Afr., 16(3:6): 249 (1988), nom. nov.: A. leucophylla subsp. septentrionalis Dahlg.
 puberula (Eckl. & Zeyh.) R. Dahlgren in Fl. S. Afr., 16(3:6): 173 (1988): A. thymifolia var. (β) puberula.
 shawii
 subsp. glabripetala (Dahlg.) R. Dahlgren in Fl. S. Afr., 16(3:6): 417 (1988): A. joubertiana subsp. glabripetala.
 subsp. longispica (Dahlg.) R. Dahlgren in Fl. S. Afr., 16(3:6): 417 (1988): A. joubertiana subsp. longispica.
 stricticlada (Dahlg.) R. Dahlgren in Fl. S. Afr., 16(3:6): 297 (1988): A. cuspidata subsp. stricticlada.
 tulbaghensis R. Dahlgren in Fl. S. Afr., 16(3:6): 313 (1988), nom. nov.: A. acuminata subsp. magniflora Dahlg.
ASPARAGUS (Asparagac.).
 sect. Aphylli (Iljin) N.V. Vlasova, Sparzhi Sibiri: 30 (1989): A. ser. Aphylli.
 capitatus
 subsp. gracilis (Royle ex Baker) K. Browicz in Fl. Iran., 165: 175 (1990): A. gracilis.
 nesioties
 subsp. purpuriensis A. Marrero & A. Ramos in Bot. Macaronésica, 18: 20 (1989)—Canary Is.
 yanjianensis S.C. Chen in Acta Phytotax. Sin., 26(2): 139 (1988)—China.

ASPASIA (Orchidac.).

- silvana F. de Barros in Hoehnea, 15: 94 (1988 publ. 1989)—Brazil.

ASPERULA (Rubiac.).

- aristata
 var. pirinica (Stoj. & Acht.) M. Anchev in Fl. Nar. Republ. Bulgariya, 9: 29 (1989): A. pirinica.
 badachschanica M.G. Pakhomova in Opred. Rast. Sred. Azii, 9: 367 (1987)—U.S.S.R. (Middle Asia).
 botschantzevii M.G. Pakhomova in Opred. Rast. Sred. Azii, 9: 366 (1987)—U.S.S.R. (Middle Asia).
 capillacea (Lange) R. Vilm. ex M. Kerguelen in Lejeunia, 120: 53 (1987): A. cynanchica var. capillacea.
 ciliatula M.G. Pakhomova in Opred. Rast. Sred. Azii, 9: 363 (1987)—U.S.S.R. (Middle Asia).
 cynanchica
 subsp. occidentalis (Rouy) C.A. Stace in Watsonia, 17(4): 444 (1989): A. occidentalis.
 czukavinae M.G. Pakhomova & Karim. in Opred. Rast. Sred. Azii, 9: 365 (1987)—U.S.S.R. (Middle Asia).
 gypsacea M.G. Pakhomova in Opred. Rast. Sred. Azii, 9: 367 (1987)—U.S.S.R. (Middle Asia).
 insolita M.G. Pakhomova in Opred. Rast. Sred. Azii, 9: 366 (1987)—U.S.S.R. (Middle Asia).
 karategini M.G. Pakhomova & Karim. in Opred. Rast. Sred. Azii, 9: 364 (1987)—U.S.S.R. (Middle Asia).

ASPERULA :-

- kovalevskiana M.G. Pakhomova in Opred. Rast. Sred. Azii, 9: 365 (1987)—U.S.S.R. (Middle Asia).
 nuratensis M.G. Pakhomova in Opred. Rast. Sred. Azii, 9: 366 (1987)—U.S.S.R. (Middle Asia).
 oppositifolia
 var. albidula M.G. Pakhomova in Opred. Rast. Sred. Azii, 9: 290 (1987)—U.S.S.R. (Middle Asia).
 subsp. baltistanica S. Nazimuddin in Fl. Pakistan, 190: 32 (1989)—Pakistan.
 pseudoglomerata M.G. Pakhomova in Opred. Rast. Sred. Azii, 9: 364 (1987)—U.S.S.R. (Middle Asia).
 purpurea
 var. luteoviride (Rohl.) M. Anchev in Fl. Nar. Republ. Bulgariya, 9: 41 (1989): Galium purpureum var. luteoviride.
 var. trichantha (Vand.) M. Anchev in Fl. Nar. Republ. Bulgariya, 9: 41 (1989): Galium purpureum var. trichanthum.
 strishovae M.G. Pakhomova & Karim. in Opred. Rast. Sred. Azii, 9: 364 (1987)—U.S.S.R. (Middle Asia).
 syrticola (Miq.) H.R. Toelken in Fl. S. Australia, 2: 1063 (1986): Rubia syrticola.

ASPHODELINE (Asphodelac.).

- sect. Appendicigera E. Tuzlaci in Candollea, 42(2): 564 (1987), without type.
 capillaris (DC.) Endl., Cat. Horti Vindob., 1: 142 (1842); cf. D.J. Mabberley in Taxon, 33(3): 434 (1984): Basionym not stated.
 cretica (Lam.) Endl., Cat. Horti Vindob., 1: 142 (1842); cf. D.J. Mabberley in Taxon, 33(3): 434 (1984): Basionym not stated.
 taurica (Pall.) Endl., Cat. Horti Vindob., 1: 142 (1842); cf. D.J. Mabberley in Taxon, 33(3): 434 (1984): Basionym not stated.

ASPHODELUS (Asphodelac.).

- fistulosus
 subsp. nilotica P. Ravenna in Herbertia, 43(1): 40 (1987)—Egypt, Algeria.

ASPICARPA (Malpighiac.).

- brevipes (DC.) W.R. Anderson in Contrib. Univ. Mich. Herb., 16: 55 (1987): Banisteria brevipes.
 harleyi W.R. Anderson in Contrib. Univ. Mich. Herb., 16: 55 (1987)—Brazil.
 schininii W.R. Anderson in Contrib. Univ. Mich. Herb., 16: 59 (1987), nom. nov.: Camarea lanata Chodat.

ASPIDISTRA (Convallariac.).

- acetabuliformis Y. Wan & C.C. Huang in Acta Phytotax. Sin., 25(5): 396 (1987)—China.
 austrosinensis Y. Wan & C.C. Huang in Guihaia, 7(3): 221 (1987)—China.
 carinata Y. Wan & X.H. Lu in Bull. Bot. Res. North-East. Forest. Inst., 9(2): 97 (1989)—China.
 cruciformis Y. Wan & X.H. Lu in Guihaia, 7(3): 217 (1987)—China.
 cyathiflora Y. Wan & C.C. Huang in Bull. Bot. Res. North-East. Forest. Inst., 9(2): 100 (1989)—China.
 leyeensis Y. Wan & C.C. Huang in Guihaia, 7(3): 219 (1987)—China.
 linearifolia Y. Wan & C.C. Huang in Guihaia, 7(3): 220 (1987)—China.
 longiloba G.Z. Li in Acta Phytotax. Sin., 26(2): 156 (1988)—China.
 longipetala S.Z. Huang in Guihaia, 6(4): 273 (1986)—China.
 patentiloba Y. Wan & X.H. Lu in Bull. Bot. Res. North-East. Forest. Inst., 9(2): 99 (1989)—China.
 subrotata Y. Wan & C.C. Huang in Guihaia, 7(3): 223 (1987)—China.
 xilinensis Y. Wan & X.H. Lu in Acta Phytotax. Sin., 25(5): 397 (1987)—China.
 yingjiangensis L.Y. Peng in Acta Bot. Yunnanica, 11(2): 173 (1989)—China.

ASPIDOGLOSSUM (Asclepiadac.).

- difficile O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh, 45(2): 179 (1988 publ. 1989)—South Africa (Natal).
 xanthosphaerum O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh, 45(2): 181 (1988 publ. 1989)—South Africa (Natal).

ASPIDOGYNE (Orchidac.).

- steyermarkii G. Carnevali & E. Foldats in Ann. Missouri Bot. Gard., 76(2): 596 (1989)—Venezuela.

ASPIDOPTERYS Juss. ex S.L. Endlicher, Gen. Pl.: 1060 (April 1840). MALPIGHIACEAE. †

- cordata
 var. vermae R.C. Srivastava & N.P. Balakrishnan in Bull. Bot. Surv. India, 25(1-4): 228 (1983 publ. 1985)—India.
 indica (Willd.) W. Theobald in F. Mason, Burmah, ed. 3, 2: 599 (1883); cf. D.J. Mabberley in Taxon, 34(1): 154 (1985): Triopteris indica.

ASPIDOSTEMON J.G. Rohwer & H.G. Richter in Bot. Jahrb., 109(1): 71 (1987). LAURACEAE.

- caudatum J.G. Rohwer in Bot. Jahrb., 109(1): 74 (1987)—Madagascar.
 dolichocarpum (Kosterm.) J.G. Rohwer in Bot. Jahrb., 109(1): 74 (1987): Cryptocarya dolichocarpa.
 glandulosum J.G. Rohwer in Bot. Jahrb., 109(1): 75 (1987)—Madagascar.
 humbertianum (Kosterm.) J.G. Rohwer in Bot. Jahrb., 109(1): 78 (1987): Cryptocarya humbertiana.
 inconspicuum J.G. Rohwer in Bot. Jahrb., 109(1): 75 (1987)—Madagascar.
 lacrimans (Kosterm.) J.G. Rohwer in Bot. Jahrb., 109(1): 78 (1987): Cryptocarya lacrimans.
 percoriaceum (Kosterm.) J.G. Rohwer in Bot. Jahrb., 109(1): 75 (1987): Cryptocarya percoriacea.
 perrieri (Danguy) J.G. Rohwer in Bot. Jahrb., 109(1): 74 (1987): Cryptocarya perrieri.
 scintillans (Kosterm.) J.G. Rohwer in Bot. Jahrb., 109(1): 78 (1987): Cryptocarya scintillans.
 synandra J.G. Rohwer in Bot. Jahrb., 109(1): 78 (1987)—Madagascar.
 trianthera (Kosterm.) J.G. Rohwer in Bot. Jahrb., 109(1): 75 (1987): Cryptocarya trianthera.

ASPILIA (Compos.).

- andrade-limae J.U.M. dos Santos in Bol. Mus. Paraense Emilio Goeldi, Bot., 2(1): 5 (1985)—Brazil.
 cordifolia J.U.M. dos Santos in Bol. Mus. Paraense Emilio Goeldi, Bot., 3(1): 54, 51 (1987)—Brazil.
 espinhacensis J.U.M. dos Santos in Bol. Mus. Paraense Emilio Goeldi, Bot., 3(1): 55 (1987)—Brazil.
 malaisae S. Lisowski in Bull. Jard. Bot. Nation. Belg., 58(3-4): 557 (1988)—Zaire.
 verticillata J.U.M. dos Santos in Bol. Mus. Paraense Emilio Goeldi, Bot., 2(1): 9 (1985)—Brazil.

×**ASPIODA** hort. in Orchid Rev., 98(1163): centre page pull-out p. 9 (1990). ORCHIDACEAE. (Aspasia × Cochlioda).

ASPRELLA (Gramin.).

- major Fres., Sem. Hort. Bot. Franc., 1836; Linnaea 12, Lit.: 77 (1838-9); cf. D.J. Mabberley in Taxon, 32(1): 84 (1983)—Locality not stated.

ASTELMA (Compos.).

- modestum (Hook.) Forbes, Hort. Woburn.: 184 (1833); cf. D.J. Mabberley in Taxon, 33(3): 441 (1984): Basionym not stated.

ASTEPHANUS (Asclepiadac.).

- furlanii J. Fontella Pereira in Bradea, 4(48): 380 (1987)—Brazil.
 piranii J. Fontella Pereira in Bradea, 4(48): 381 (1987)—Brazil.
 semiri J. Fontella Pereira in Bradea, 4(48): 379 (1987)—Brazil.
 sprucei (Fourn.) J. Fontella Pereira in Bradea, 4(48): 380 (1987): Hemipogon sprucei.

ASTER (Compos.).

- subgen. Ascendentes (Rydb.) J.C. Semple in Phytologia, 58(7): 430 (1985), contrary to Art. 34.1(a) ICBN 1983; see W.F. Lamboy in Phytologia, 59(7): 454 (1986): A. sp.-group Ascendentes.
 ageratoides
 var. alatopetiolatus (Kitamura) S. Kitamura in Acta Phytotax. Geobot., 41(1-3): 87 (1990): A. ageratoides subsp. alatopetiolatus.

ASTER :-

- var. *grossedentatus* (Franchet ex Diels) S. Kitamura in *Acta Phytotax. Geobot.*, 41(1-3): 86 (1990): A. trinervius var. *grossedentatus*.
- var. *oophyllus* Ling ex J.Q. Fu in *Fl. Tsinlingensis*, 1(5): 168 (1985), as 'nom. nov.' but contrary to Art. 33.3, Note 1 (ICBN, 1983)—China.
- var. *potaninii* (Diels) S. Kitamura in *Acta Phytotax. Geobot.*, 41(1-3): 86 (1990): A. trinervius var. *potaninii*.
- alpinus**
var. *serpentimontanus* (Tamam.) Ling ex J.Q. Fu in *Fl. Tsinlingensis*, 1(5): 172 (1985): A. *serpentimontanus*.
- breweri** (A. Gray) J.C. Semple in *Syst. Bot.*, 13(4): 545 (1988): *Chrysopsis breweri*.
- cordifolius**
var. *sagittifolius* (Wedem. ex Willd.) A.G. Jones in *Phytologia*, 63(2): 131 (1987): A. *sagittifolius*.
- drummondii**
var. *parviceps* (Shinners) A.G. Jones in *Phytologia*, 63(2): 131 (1987): A. *texanus* var. *parviceps*.
- var. *texanus* (Burgess) A.G. Jones in *Phytologia*, 63(2): 131 (1987): A. *texanus*.
- falcatus**
var. *commutatus* (Torrey & Gray) A.G. Jones in *Phytologia*, 63(2): 131 (1987): A. *multiflorus* var. *commutatus*.
- fanjingshanicus** Y.L. Chen & D.J. Liu in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 11 (1988)—China.
- hintonii** G.L. Nesom in *Phytologia*, 67(4): 342 (1989)—Mexico.
- hispidus** C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 763 (1784)—Japan.†
- jonesiae** W.F. Lamboy in *Syst. Bot.*, 13(2): 192 (1988)—U.S.A. (Georgia, Alabama).
- juchaihu** Z.Y. Zhu & B.Q. Min in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(3): 61 (1990)—China.
- kingii**
var. *barnebyana* (Welsh & Goodrich) S.L. Welsh in *Great Basin Nat.*, 43(2): 221 (1983): *Machaeranthera kingii* var. *barnebyana*.
- lanceolatus**
subsp. *hesperius* (Gray) J.C. Semple & J.G. Chmielewski in *Canad. J. Bot.*, 65(5): 1060 (1987): A. *hesperius*.
- var. *hirsuticaulis* J.C. Semple & J.G. Chmielewski in *Canad. J. Bot.*, 65(5): 1058 (1987)—U.S.A. (Michigan).
- var. *interior* (Wiegand) J.C. Semple & J.G. Chmielewski in *Canad. J. Bot.*, 65(5): 1058 (4 June 1987), with incorrect basionym vol. no.: A. *interior*.
- var. *interior* (Wieg.) A.G. Jones in *Phytologia*, 63(2): 132 (1987): A. *interior*.
- var. *latifolius* J.C. Semple & J.G. Chmielewski in *Canad. J. Bot.*, 65(5): 1060 (1987)—U.S.A. (Pennsylvania).
- var. *simplex* (Willd.) A.G. Jones in *Phytologia*, 63(2): 132 (1987): A. *simplex*.
- linosyris**
subsp. *armoricanus* (Rouy) M. Kerguelen in *Lejeunia*, 120: 54 (1987): A. *linosyris* proles *armoricanus*.
- moranensis**
var. *turneri* S. Sundberg & A.G. Jones in *Bull. Torrey Bot. Club*, 113(2): 176 (1986)—Mexico.
- motuensis** Y.L. Chen in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 12 (1988)—Xizang.
- nakaoui** S. Kitamura in *Acta Phytotax. Geobot.*, 41(1-3): 90 (1990)—Bhutan.
- novi-belgii**
var. *johannensis* (Fern.) A.G. Jones in *Phytologia*, 63(2): 132 (1987): A. *johannensis*.
- var. *tardiflorus* (L.) A.G. Jones in *Phytologia*, 63(2): 132 (1987): A. *tardiflorus*.
- occidentalis**
var. *fremontii* (Torrey & Gray) A.G. Jones in *Phytologia*, 63(2): 132 (1987): A. *ascendens* var. *fremontii*.
- punicus**
var. *elliottii* (Torrey & Gray) A.G. Jones in *Phytologia*, 63(2): 132 (1987): A. *elliottii*.
- saxicastellii** J.J.N. Campbell & M.E. Medley in *Sida*, 13(3): 277 (1989)—U.S.A. (Kentucky).
- scaber** C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 763 (1784)—Japan.†

ASTER :-

- schaffneri* Schultz-Bip. ex S. Sundberg & A.G. Jones in *Bull. Torrey Bot. Club*, 113(2): 173 (1986)—Mexico.
- sedifolius**
f. *latifolius* (Roch.) P. Boža & O. Vasić in *Fl. SR Srbije*, 10: 199 (1986): A. *punctatus* b. *latifolius*.
- f. *subsquamosus* (Soo) P. Boža & O. Vasić in *Fl. SR Srbije*, 10: 199 (1986): A. *punctatus* f. *subsquamosus*.
- taoyuenensis** S.S. Ying in *J. Jap. Bot.*, 63(2): 49 (1988)—Taiwan.
- ujjinsularis** S. Kitamura in *Acta Phytotax. Geobot.*, 39(1-3): 71 (1988)—Japan.
- yakushimensis** (Kitamura) Soejima & T. Yahara in *J. Fac. Sci. Univ. Tokyo, Bot.*, 14(2): 112 (1987): A. *ageratoides* subsp. *yakushimensis*.

ASTERIDIA (Compos.).

- athrioides**
f. *horripes* (J. Black) D.A. Cooke in *Fl. S. Australia*, 3: 1500 (1986): *Athrixia tenella* var. *horripes*.

ASTERISCUS (Compos.).

- aquaticus**
subsp. *pygmaeus* (DC.) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 90 (1987 publ. 1988): A. *aquaticus* var. *pygmaeus*.
- cuspidatus** (Pomel) C. Aurich & D. Podlech in *Mitt. Bot. Staatssamml. München*, 28: 280 (1989): *Pallenis cuspidata*.
- subsp. *canescens* (Maire) C. Aurich & D. Podlech in *Mitt. Bot. Staatssamml. München*, 28: 285 (1989): *Pallenis spinosa* var. *canescens*.
- spinosus**
subsp. *asteroideus* (Viv.) C. Aurich & D. Podlech in *Mitt. Bot. Staatssamml. München*, 28: 268 (1989): *Bupthalmum asteroideum*.
- subsp. *aureus* (Willk.) C. Aurich & D. Podlech in *Mitt. Bot. Staatssamml. München*, 28: 271 (1989): A. *spinus* var. *aureus*.
- subsp. *maroccanus* C. Aurich & D. Podlech in *Mitt. Bot. Staatssamml. München*, 28: 275 (1989)—Morocco, Algeria.

ASTEROGYNE (Palmae).

- guianensis** J.-J. de Granville & A. Henderson in *Brittonia*, 40(1): 76 (1988)—French Guiana.
- yaracuyense** A. Henderson & J.A. Steyermark in *Brittonia*, 38(4): 309 (1986)—Venezuela.

ASTEROLASIA (Rutac.).

- drummondii** Paul G. Wilson in *Nuytsia*, 6(1): 8 (1987), nom. nov.: *Urocarpus phebaloides* J. Drumm. ex Harvey.
- elegans** L. McDougall & M.F. Porteners in *Telopea*, 4(1): 139 (1990)—Australia (New South Wales).
- nivea** (Paul G. Wilson) Paul G. Wilson in *Nuytsia*, 6(1): 8 (1987): *Urocarpus niveus*.

ASTEROMYRTUS (Myrtac.).

- angustifolia** (Gaertner) L.A. Craven in *Austral. Syst. Bot.*, 1(4): 377 (1988 publ. 1989): *Melaleuca angustifolia*.
- arnhemica** (Byrnes) L.A. Craven in *Austral. Syst. Bot.*, 1(4): 378 (1988 publ. 1989): *Melaleuca arnhemica*.
- brassii** (Byrnes) L.A. Craven in *Austral. Syst. Bot.*, 1(4): 379 (1988 publ. 1989): *Melaleuca brassii*.
- lysicephala** (F. Muell. & F.M. Bail.) L.A. Craven in *Austral. Syst. Bot.*, 1(4): 380 (1988 publ. 1989): *Melaleuca lysicephala*.
- magnifica** (Specht) L.A. Craven in *Austral. Syst. Bot.*, 1(4): 381 (1988 publ. 1989): *Melaleuca magnifica*.
- symphyocarpa** (F. Muell.) L.A. Craven in *Austral. Syst. Bot.*, 1(4): 383 (1988 publ. 1989): *Melaleuca symphyocarpa*.
- tranganensis** L.A. Craven in *Austral. Syst. Bot.*, 1(4): 384 (1988 publ. 1989)—New Guinea (W. Irian).

ASTILBE (Saxifragac.).

- glaberrima**
var. *saxatilis* (Nakai) H. Ohba in *J. Fac. Sci. Univ. Tokyo, Bot.*, 14(2): 86 (1987): A. *glaberrima* lus. *saxatilis*.

ASTRACANTHA (Legumin.).

- adanica** (Ivanisvili) W. Greuter in *Willdenowia*, 15(2): 425 (1986): *Astragalus adanicus*.
- akscheherensis** (Freyn & Bornm.) W. Greuter in *Willdenowia*, 15(2): 425 (1986): *Astragalus akscheherensis*.
- ambigua** (O. Kuntze) W. Greuter & Burdet in *Willdenowia*, 19(1): 30 (1989): *Astragalus ambiguus*.
- argyrothamnus** (Boiss.) W. Greuter in *Willdenowia*, 15(2): 425 (1986): *Astragalus argyrothamnus*.
- arnacantha**
subsp. *aitosensis* (Ivanisch.) U. Réer & D. Podlech in *Mitt. Bot. Staatssamml. München*, 22: 529 (1986): *Astragalus aitosensis*.
- subsp. *arnacanthoides* (Boiss.) U. Réer & D. Podlech in *Mitt. Bot. Staatssamml. München*, 22: 530 (1986): *Tragacantha arnacanthoides*.
- baytopiana** (Chamberlain & Mathews) W. Greuter & Burdet in *Willdenowia*, 19(1): 30 (1989): *Astragalus baytopianus*.
- coarctata** (Trautv.) W. Greuter in *Willdenowia*, 15(2): 425 (1986): *Astragalus coarctatus*.
- delanensis** (Sirj. & Rech. f.) W. Greuter in *Willdenowia*, 15(2): 425 (1986): *Astragalus delanensis*.
- echinus**
subsp. *arabica* I.C. Hedge & D. Podlech in *Bot. Jahrb.*, 108(2-3): 260 (1987)—Saudi Arabia.
- elazigensis** (Ekim) W. Greuter & Burdet in *Willdenowia*, 19(1): 30 (1989): *Astragalus elazigensis*.
- eriocephala**
subsp. *elongata* (Chamberlain & V. Matthews) W. Greuter in *Willdenowia*, 15(2): 425 (1986): *Astragalus eriocephalus* subsp. *elongatus*.
- griseosericea** (Eig) W. Greuter in *Willdenowia*, 15(2): 425 (1986): *Astragalus griseosericeus*.
- hareftae** (Náb.) W. Greuter in *Willdenowia*, 15(2): 425 (1986): *Astragalus krugae* var. *hareftae*.
- hasbeyana** (Boiss.) W. Greuter in *Willdenowia*, 15(2): 425 (1986): *Astragalus hasbeyanus*.
- kristii** (Sirj.) W. Greuter in *Willdenowia*, 15(2): 425 (1986): *Astragalus kristii*.
- leiophylla** (Freyn & Bornm.) W. Greuter in *Willdenowia*, 15(2): 425 (1986): *Astragalus leiophyllus*.
- marashica** H. Duman & M. Vural in *Doğa, Turk. J. Bot.*, 14: 40 (1990)—Turkey.
- nebrodensis** (Guss.) W. Greuter in *Willdenowia*, 15(2): 425 (1986): *Astragalus siculus* var. *nebrodensis*.
- ochrochlora** (Boiss. & Hohen.) W. Greuter in *Willdenowia*, 15(2): 425 (1986): *Astragalus ochrochlorus*.
- rosecalycina** (V. Matthews) W. Greuter in *Willdenowia*, 15(2): 425 (1986): *Astragalus rosecalycinus*.
- rumelica** (Bunge) U. Réer & D. Podlech in *Mitt. Bot. Staatssamml. München*, 22: 542 (1986): *Astragalus rumelicus*.
- subsp. *taygetica* (Sirjaev) U. Réer & D. Podlech in *Mitt. Bot. Staatssamml. München*, 22: 544 (1986): *Astragalus rumelicus* var. *taygeticus*.
- sicula** (Raf.) W. Greuter in *Willdenowia*, 15(2): 425 (1986): *Astragalus siculus*.
- spiciformis** (Eig) W. Greuter in *Willdenowia*, 15(2): 426 (1986): *Astragalus spiciformis*.
- strictifolia** (Boiss.) W. Greuter in *Willdenowia*, 15(2): 426 (1986): *Astragalus strictifolius*.
- thracica**
subsp. *calabrica* (Fischer) W. Greuter in *Willdenowia*, 15(2): 426 (1986): *Astragalus calabricus*.
- subsp. *cyllenea* (Fischer) W. Greuter in *Willdenowia*, 15(2): 426 (1986): *Astragalus cylleneus*.
- subsp. *jankae* (Degen & Bornm.) W. Greuter in *Willdenowia*, 15(2): 426 (1986): *Astragalus jankae*.
- subsp. *monachorum* (Sirj.) W. Greuter in *Willdenowia*, 15(2): 426 (1986): *Astragalus monachorum*.
- subsp. *parnassi* (Boiss.) W. Greuter in *Willdenowia*, 15(2): 426 (1986): *Astragalus parnassi*.
- yueksekovae** (V. Matthews) W. Greuter in *Willdenowia*, 15(2): 427 (1986): *Astragalus yueksekovae*.

ASTRACANTHA :-

zachelensis
subsp. zebedaniensis (Freyn & Bornm.) W. Greuter
in Willdenowia, 15(2): 427 (1986): *Astragalus*
zebedaniensis.

ASTRAGALUS (Legumin.).

sect. Alexandri N. Ulziikhutag in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 95(1): 107 (1990).
sect. Cercidophaca D. Podlech & A.R. Maassoumi in *Davis & Hedge Festschrift (ed. Kit Tan)*: 72 (1989).
subsect. Erionotus (Bunge) D. Podlech in *Mitt. Bot. Staatssamml. München*, 25(2): 549 (1988): A. *sect. Erionotus*.
subsect. Gontscharoviella (Kamelin) D. Podlech in *Mitt. Bot. Staatssamml. München*, 25(2): 515 (1988): A. *sect. Gontscharoviella*.
sect. Monadelphica K.T. Fu in *Acta Bot. Bor.-Occid. Sin.*, 1(2): 16 (1981).
sect. Parvistipula K.T. Fu in *Acta Bot. Bor.-Occid. Sin.*, 1(2): 15 (1981).
sect. Plagiophaca A.A. Ramak Maassoumi & D. Podlech in *Iranian J. Bot.*, 4(1): 83 (1988).
sect. Pseuderioceras N. Ulziikhutag in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 95(2): 79 (1990).
subsect. Purpurascens D. Podlech in *Mitt. Bot. Staatssamml. München*, 25(2): 610 (1988).
abruptus L.I. Kritskaya in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1977: 130 (1977 publ. 1978)—U.S.S.R. (Ukraine).
absentivus A.A. Ramak Maassoumi in *Iranian J. Bot.*, 4(1): 128 (1988)—Iran.
adulterinus D. Podlech in *Mitt. Bot. Staatssamml. München*, 27: 52 (1988)—Iran.
aharicus A.A.R. Maassoumi & D. Podlech in *Iranian J. Bot.*, 3(2): 96 (1987)—Iran.
aksaricus N.V. Pavlov in *Vestn. Akad. Nauk Kazakh. SSR*, 1: 30 (1949)—U.S.S.R. (Middle Asia).
albertshoferi D. Podlech in *Mitt. Bot. Staatssamml. München*, 25(1): 211 (1988)—Turkey.
alexandri N. Ulziikhutag in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 95(1): 107 (1990)—Mongolia.
alienus D. Podlech in *Mitt. Bot. Staatssamml. München*, 25(1): 221 (1988)—Iran.
ammodendron A. Bunge in *Arb. Naturf. Ver. Riga*, 1: 233 (1847)—U.S.S.R. (Middle Asia).†
amphioxys
var. musimonum (Barneby) R.C. Barneby in *A. Cronquist et al., Intermountain Fl., Vasc. Pl. Intermountain West, U.S.A.*, 3B: 138 (1989): A. *musimonum*.
anisacanthus
subsp. schurabicus (Bunge) S. Tietz in *Mitt. Bot. Staatssamml. München*, 27: 244 (1988): A. *schurabicus*.
anserinus N.D. Atwood, S. Goodrich & S.L. Welsh in *Great Basin Nat.*, 44(2): 263 (1984)—U.S.A. (Utah, Nevada).
archibaldii D. Podlech in *Mitt. Bot. Staatssamml. München*, 25(1): 208 (1988)—Iran.
aridicola P.C. Li in *Acta Bot. Yunnanica*, 11(3): 295 (1989)—China, Xizang.
aridicolus D.I. Sosnovskii in *Trudy Tbilis. Bot. Inst.*, 12: 238 (1948)—U.S.S.R. (Caucasus).
aridovallicola P.C. Li in *Acta Bot. Yunnanica*, 11(3): 299 (1989)—China.
armatus
subsp. numidicus (Murb.) S. Tietz in *Mitt. Bot. Staatssamml. München*, 27: 251 (1988): A. *numidicus*.
artemisiformis M.R. Rasulova in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 2(75): 96 (1979)—U.S.S.R. (Middle Asia).
aspreticola D. Podlech in *Mitt. Bot. Staatssamml. München*, 25(2): 769 (1988)—Iran.
assadii A.A.R. Maassoumi & D. Podlech in *Iranian J. Bot.*, 3(2): 98 (1987)—Iran.
asterias
subsp. aristidis (Batt.) W. Greuter in *Willdenowia*, 15(2): 427 (1986): A. *cruciatus* subsp. *aristidis*.
subsp. astraboides (Pomel) W. Greuter in *Willdenowia*, 15(2): 427 (1986): A. *astraboides*.
subsp. polyactinus (Boiss.) W. Greuter in *Willdenowia*, 15(2): 427 (1986): A. *polyactinus*.
subsp. radiatus (Batt.) W. Greuter in *Willdenowia*, 15(2): 427 (1986): A. *cruciatus* subsp. *radiatus*.

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atraxifolius M.R. Rasulova in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 3(76): 108 (1979)—U.S.S.R. (Middle Asia).
atrifructus W. Greuter & Burdet in *Willdenowia*, 16(1): 108 (1986), nom. nov.: A. *melanocarpus* Bunge.
austrodarvasicus M.R. Rasulova in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 4(81): 26 (1980)—U.S.S.R. (Middle Asia).
austrosachalinensis N.S. Pavlova in *Bot. Zhurn.*, 74(6): 906 (1989)—Sakhalin Is. (Moneron Is.).
azizii A.A.R. Maassoumi in *Mitt. Bot. Staatssamml. München*, 28: 504 (1989)—Iran.
baba-alliar
subsp. nudicarpus (Širj. & Rech. f.) S. Tietz in *Mitt. Bot. Staatssamml. München*, 27: 259 (1988): A. *brugiieri* var. *nudicarpus*.
babakhanloui A.A. Ramak Maassoumi & D. Podlech in *Iranian J. Bot.*, 4(1): 72 (1988)—Iran.
bactrianus F.G.L. Fischer in *A. Bunge, Beitr. Fl. Russl.*: 96 (1852)—U.S.S.R. (Middle Asia).†
baitagensis Sanz. ex N. Ulziikhutag in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 95(1): 109 (1990)—Mongolia.
bakaliensis A. Bunge in *Arb. Naturf. Ver. Riga*, 1: 249 (1847)—U.S.S.R. (Middle Asia).†
banzragezii N. Ulziikhutag in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 92(5): 111 (1987)—Mongolia.
baotouensis H.C. Fu in *Fl. Intramongolica*, Ser. 2, 3: 670, 295 (1989)—China.
bashmensis A.A.R. Maassoumi in *Mitt. Bot. Staatssamml. München*, 28: 509 (1989)—Iran.
basilicus Maassoumi & D. Podlech in *Mitt. Bot. Staatssamml. München*, 25(2): 788 (1988)—Iran.
bazmanicus D. Podlech in *Mitt. Bot. Staatssamml. München*, 27: 63 (1988)—Iran.
belcheraghensis D. Podlech in *Mitt. Bot. Staatssamml. München*, 25(2): 671 (1988)—Afghanistan.
bibullatus R.C. Barneby & E.L. Bridges in *Brittonia*, 39(3): 359 (1987)—U.S.A. (Tennessee).
bilobatoalatus (Rassul.) D. Podlech in *Mitt. Bot. Staatssamml. München*, 25(1): 408 (1988): A. *lentilobus* subsp. *bilobatoalatus*.
bogensis M.R. Rasulova in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 1(78): 17 (1980)—U.S.S.R. (Middle Asia).
bor-bulakensis M.R. Rasulova in *Dokl. Akad. Nauk Tadzh. SSR*, 23(7): 402 (1980)—U.S.S.R. (Middle Asia).
bosbutooensis Nik. & I.G. Sudnitsyna in *Izv. Akad. Nauk Kirgiz. SSR*, 1974(1): 68 (1974)—U.S.S.R. (Middle Asia).
brotherusii D. Podlech in *Mitt. Bot. Staatssamml. München*, 27: 54 (1988)—U.S.S.R. (Middle Asia).
calamistratus D. Podlech in *Mitt. Bot. Staatssamml. München*, 25(2): 560 (1988)—Afghanistan.
callainus D. Podlech in *Mitt. Bot. Staatssamml. München*, 25(2): 747 (1988)—Iran.
calliphysa
subsp. angustifolius S. Tietz in *Mitt. Bot. Staatssamml. München*, 27: 268 (1988)—Iran.
callistachys
subsp. porphyrobaphis (Fischer) S. Tietz in *Mitt. Bot. Staatssamml. München*, 27: 190 (1988): A. *porphyrobaphis*.
camptodontus
var. lichiangensis (Simps.) K.T. Fu in *Acta Bot. Bor.-Occid. Sin.*, 6(1): 57 (1986): A. *lichiangensis*.
caprinus
subsp. glaber (DC.) D. Podlech in *Mitt. Bot. Staatssamml. München*, 25(1): 152 (1988): A. *caprinus* var. *glaber*.
subsp. huetii (Bunge) D. Podlech in *Mitt. Bot. Staatssamml. München*, 25(1): 155 (1988): A. *huetii*.
cartilagineus
subsp. honigbergeri (Širj. & Rech. f.) D. Podlech in *Mitt. Bot. Staatssamml. München*, 25(2): 638 (1988): A. *honigbergeri*.
catabostrychos Kress-Deml & D. Podlech in *Mitt. Bot. Staatssamml. München*, 25(2): 565 (1988)—Afghanistan.
cavanillesii D. Podlech in *Mitt. Bot. Staatssamml. München*, 25(1): 161 (1988)—Spain.

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centraligobicus Z.Y. Chu & Y.Z. Zhao in *Acta Sci. Nat. Univ. Intramongolicae*, 14(4): 447 (1983), as 'centrali-gobicus'—China.
cercidophacos D. Podlech & A.R. Maassoumi in *Davis & Hedge Festschrift (ed. Kit Tan)*: 77 (1989)—Iran.
chaetodon A. Bunge, *Beitr. Fl. Russl.*: 96 (1852)—U.S.S.R. (Middle Asia).†
chaldiranicus Kit Tan & F. Sorger in *Aliso*, 11(4): 624 (1987)—Turkey.
changaicus Sanz. ex N. Ulziikhutag in *L.G. Byzrov et al., Fl. Khangaya*: 121 (1989)—Mongolia.
chingianus P.C. Li in *Acta Bot. Yunnanica*, 11(3): 290 (1989)—China.
chubsugulicus Gontsch. ex N. Ulziikhutag in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 95(1): 110 (1990)—Mongolia.
chuskanus R.C. Barneby & R. Spellenberg in *Brittonia*, 39(2): 188 (1987)—U.S.A. (New Mexico, Arizona).
ciceroides D.I. Sosnovskii in *Trudy Tbilis. Bot. Inst.*, 12: 231 (1948)—U.S.S.R. (Caucasus).
citrinus
subsp. barrowianus (Aitch. & Baker) D. Podlech in *Mitt. Bot. Staatssamml. München*, 25(2): 555 (1988): A. *barrowianus*.
subsp. khorasanicus D. Podlech in *Mitt. Bot. Staatssamml. München*, 25(2): 556 (1988)—Iran, Afghanistan.
collenetteae I.C. Hedge & D. Podlech in *Bot. Jahrb.*, 108(2-3): 269 (1987), as 'collenettiae'—Saudi Arabia.
controversus A.A.R. Maassoumi & D. Podlech in *Iranian J. Bot.*, 3(2): 98 (1987)—Iran.
cusickii
var. packardiae R.C. Barneby in *A. Cronquist et al., Intermountain Fl., Vasc. Pl. Intermountain West, U.S.A.*, 3B: 78 (1989)—U.S.A. (Idaho).
var. sterilis (Barneby) R.C. Barneby in *A. Cronquist et al., Intermountain Fl., Vasc. Pl. Intermountain West, U.S.A.*, 3B: 78 (1989): A. *sterilis*.
cystocarpus A.G. Borisova in *Trudy Tadzhik. Baz. Akad. Nauk*, 2: 163 (1936)—U.S.S.R. (Middle Asia), Afghanistan.
damardanicus D. Podlech in *Mitt. Bot. Staatssamml. München*, 25(1): 318 (1988)—Afghanistan.
darlingtonii D. Podlech in *Mitt. Bot. Staatssamml. München*, 25(1): 282 (1988)—Iran.
davidii
var. acutidentatus P.C. Li in *Acta Bot. Yunnanica*, 11(3): 294 (1989)—China.
degilmonus M.R. Rasulova in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 4(81): 28 (1980)—U.S.S.R. (Middle Asia).
demavendicolus
subsp. microphysopsis S. Tietz in *Mitt. Bot. Staatssamml. München*, 27: 204 (1988)—Iran.
dengkouensis H.C. Fu in *Fl. Intramongolica*, Ser. 2, 3: 290 (1989), nom. nov.: A. *alashanensis* H.C. Fu.
denticulatus D. Podlech in *Mitt. Bot. Staatssamml. München*, 25(2): 749 (1988)—Iran.
denudatus C. Steven in *Mém. Soc. Nat. Mosc.*, 4: 97 (1812-1813); see F.A. Stafleu & R.S. Cowan, *Taxon. Lit.*, 5: 913 (1985) for explanation of publ. date—U.S.S.R. (Caucasus).†
desperatus
var. neeseae R.C. Barneby in *A. Cronquist et al., Intermountain Fl., Vasc. Pl. Intermountain West, U.S.A.*, 3B: 140 (1989), nom. nov.: A. *equisolensis* Neese & Welsh.
doshman-ziriensis A.A. Ramak Maassoumi & D. Podlech in *Iranian J. Bot.*, 4(1): 74 (1988)—Iran.
dulongkiangensis P.C. Li in *Acta Bot. Yunnanica*, 11(3): 298 (1989)—China.
edmondsonii D. Podlech in *Mitt. Bot. Staatssamml. München*, 25(1): 498 (1988)—Iran.
ekbergii D. Podlech in *Mitt. Bot. Staatssamml. München*, 25(1): 436 (1988)—Afghanistan.
eliasianus Kit Tan & F. Sorger in *Aliso*, 11(4): 625 (1987)—Turkey.
enneaphyllus P.C. Li in *Acta Bot. Yunnanica*, 11(3): 289 (1989)—China.
eremiticus
var. ampullarioides S.L. Welsh in *Great Basin Nat.*, 46(2): 262 (1986)—U.S.A. (Utah).
erterae R.C. Barneby & J.R. Shevock in *Aliso*, 11(4): 585 (1987)—U.S.A. (California).

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- erubescens *D. Podlech in Mitt. Bot. Staatssamml. München*, 25(2): 558 (1988)—Iran.
- esferayenicus *D. Podlech & A.R. Maassoumi in Bot. Jahrb.*, 109(2): 262 (1987)—Iran.
- eusarathron *Kress-Deml & D. Podlech in Mitt. Bot. Staatssamml. München*, 25(1): 383 (1988)—Iran.
- evanescens *A.R. Maassoumi & D. Podlech in Bot. Jahrb.*, 109(2): 262 (1987)—Iran.
- facetus *A.A. Ramak Maassoumi & D. Podlech in Iranian J. Bot.*, 4(1): 74 (1988); et in *Mitt. Bot. Staatssamml. München*, 28: 505 (1989)—Iran.
- faretus *A. Bunge, Beitr. Fl. Russl.*: 100 (1852)—U.S.S.R. (Middle Asia). †
- fasciculifolius
 subsp. *arbusculus* (*Bornm. & Gauba*) *S. Tietz in Mitt. Bot. Staatssamml. München*, 27: 276 (1988): *A. arbusculus*.
- firuzkuhensis *D. Podlech in Mitt. Bot. Staatssamml. München*, 25(1): 313 (1988)—Iran.
- flexicaulis *D.I. Sosnovskii in Trudy Tbilis. Bot. Inst.*, 12: 232 (1948)—U.S.S.R. (Caucasus).
- frigidus
 var. *grigorjewii* (*B. Fedtsch.*) *B.A. Yurtsev in Arkh. Fl. SSSR*, 9(2): 32 (1986): *A. grigorjewii*.
- gagnieui *A.R. Maassoumi & D. Podlech in Bot. Jahrb.*, 109(2): 264 (1987)—Iran.
- galbicus *A.A. Ramak Maassoumi in Iranian J. Bot.*, 4(1): 130 (1988)—Iran.
- gardanikaphtharicus *M.R. Rasulova in Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 1(78): 16 (1980)—U.S.S.R. (Middle Asia).
- geerwusuensis *H.C. Fu in Fl. Intramongolica*, Ser. 2, 3: 671, 285 (1989)—China.
- ghahremanii *A.A. Ramak Maassoumi & D. Podlech in Iranian J. Bot.*, 4(1): 76 (1988)—Iran.
- gifanicus *A.R. Maassoumi & D. Podlech in Bot. Jahrb.*, 109(2): 267 (1987)—Iran.
- gobi-altaicus *N. Ulziikhutag in Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 95(2): 83 (1990)—Xinjiang, Mongolia.
- golestanicus *A.A.R. Maassoumi & D. Podlech in Iranian J. Bot.*, 3(2): 101 (1987)—Iran.
- gonggamontis *P.C. Li in Acta Bot. Yunnanica*, 11(3): 296 (1989)—China.
- gorczakovskii *L.I. Vasil'eva in Fl. Evropeiskoi Chasti SSSR*, 6: 57 (1987), nom. nov.: *A. uralensis* *Litv. Ispyt. Prir., Biol.*, 95(2): 81 (1990)—Xinjiang, Mongolia.
- grey-wilsonianus *D. Podlech in Mitt. Bot. Staatssamml. München*, 25(2): 686 (1988)—Afghanistan.
- grossheimianus *D.I. Sosnovskii in Trudy Tbilis. Bot. Inst.*, 12: 230 (1948)—U.S.S.R. (Caucasus).
- grubovii *Cheng f. ex P.C. Li in Acta Bot. Yunnanica*, 11(3): 293 (1989)—China.
- var. *angustifolia* *H.C. Fu in Fl. Intramongolica*, Ser. 2, 3: 671, 289 (1989)—China.
- gubanovii *N. Ulziikhutag in Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 92(5): 112 (1987)—Mongolia.
- habahaensis *Y.X. Liou in Fl. Desert. Reipubl. Popul. Sin.*, 2: 444 (1987)—Xinjiang.
- hartvigii *Kit Tan in Aliso*, 11(4): 619 (1987)—Turkey.
- hedgearius *D. Podlech in Mitt. Bot. Staatssamml. München*, 25(2): 547 (1988)—Afghanistan.
- hegingensis *Y.X. Liou in Fl. Desert. Reipubl. Popul. Sin.*, 2: 444 (1987)—Xinjiang.
- herbertii *A.A.R. Maassoumi in Mitt. Bot. Staatssamml. München*, 27: 129 (1988)—Iran.
- heterodontus *A.G. Borisova in Trudy Tadzhik. Bazv Akad. Nauk*, 2: 161 (1936)—U.S.S.R. (Middle Asia), Xizang.
- holargyreus *A. Bunge, Beitr. Fl. Russl.*: 97 (1852)—U.S.S.R. (Middle Asia). †
- hypoglottis
 subsp. *gremlii* (*Burnat*) *W. Greuter & Burdet in Willdenowia*, 19(1): 30 (1989): *A. gremlii*.
- ikonnikovii *D. Podlech in Mitt. Bot. Staatssamml. München*, 25(2): 573 (1988)—U.S.S.R. (Middle Asia).
- iljinii *R.V. Kamelin in Izv. Otd. Biol. Nauk Akad. Nauk Tadzhik. SSR*, 1(22): 49 (1966), later homonym of *Rzazade* 1954—U.S.S.R. (Middle Asia).
- imbecillus *A.R. Maassoumi & D. Podlech in Bot. Jahrb.*, 109(2): 268 (1987)—Iran.

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- impexus *D. Podlech in Mitt. Bot. Staatssamml. München*, 25(1): 334 (1988)—Iran.
- indistinctus *D. Podlech & A.R. Maassoumi in Bot. Jahrb.*, 109(2): 269 (1987)—Iran.
- inexpectatus *A.A. Ramak Maassoumi & D. Podlech in Iranian J. Bot.*, 4(1): 77 (1988)—Iran.
- inopinatus
 subsp. *pseudoadsurgens* (*Jurtz.*) *N.S. Pavlova in Sosud. Rast. Sovet. Dal'nego Vostoka*, 4: 234 (1989): *A. pseudoadsurgens*.
- inquilinus *A.A. Ramak Maassoumi in Iranian J. Bot.*, 4(1): 132 (1988)—Iran.
- iranshahrii *A.A. Ramak Maassoumi & D. Podlech in Iranian J. Bot.*, 4(1): 79 (1988)—Iran.
- isparticus *Kit Tan & F. Sorger in Aliso*, 11(4): 626 (1987)—Turkey.
- jabalambrensis *C. Pau, Not. Bot. Fl. Espan.*, 6: 46 (1895)—Spain.
- junussovii *M.R. Rasulova in Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 1(74): 86 (1979)—U.S.S.R. (Middle Asia).
- kamelinii *D. Podlech in Mitt. Bot. Staatssamml. München*, 25(1): 359 (1988)—U.S.S.R. (Middle Asia).
- kangalicus *Kit Tan & F. Sorger in Aliso*, 11(4): 626 (1987)—Turkey.
- karaculensis *P.N. Ovchinnikov & M. Rasulova in Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 4(65): 5 (1976)—U.S.S.R. (Middle Asia).
- kashafensis *D. Podlech in Mitt. Bot. Staatssamml. München*, 27: 61 (1988)—Iran.
- kashmarensis *A.A.R. Maassoumi & D. Podlech in Iranian J. Bot.*, 3(2): 101 (1987)—Iran.
- kenteicus *N. Ulziikhutag in Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 95(1): 111 (1990)—Mongolia.
- kirchhoffiae *D. Podlech in Mitt. Bot. Staatssamml. München*, 25(1): 508 (1988)—Turkey.
- kitianus *F. Sorger in Aliso*, 11(4): 624 (1987)—Turkey.
- klementzii *N. Ulziikhutag in L.G. Byazrov et al., Fl. Khangaya*: 123 (1989)—Mongolia.
- klukhoricus *D.I. Sosnovskii in Trudy Tbilis. Bot. Inst.*, 12: 237 (1948)—U.S.S.R. (Caucasus).
- koikitaensis *M.R. Rasulova in Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 1(78): 93 (1980)—U.S.S.R. (Middle Asia).
- koslovii *B. Fedtsch. & N. Basil. ex N. Ulziikhutag in Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 95(2): 85 (1990)—Xinjiang.
- kschtutensis *M.R. Rasulova in Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 4(77): 91 (1979)—U.S.S.R. (Middle Asia).
- kukkonenii *D. Podlech in Mitt. Bot. Staatssamml. München*, 25(1): 314 (1988)—Afghanistan.
- kunarensis *D. Podlech in Mitt. Bot. Staatssamml. München*, 27: 55 (1988)—Afghanistan.
- kuphoensis *M. Gandoger in Bull. Soc. Bot. France*, 64: 122 (1917)—Crete.
- lalandai *D. Podlech in Mitt. Bot. Staatssamml. München*, 25(2): 567 (1988)—Afghanistan.
- lamalaensis *Z.C. Ni in Acta Phytotax. Sin.*, 25(3): 232 (1987)—Xizang.
- lambinonii *D. Podlech in Mitt. Bot. Staatssamml. München*, 25(1): 159 (1988)—Iran.
- lasiosylus *F.G.L. Fischer in A. Bunge, Beitr. Fl. Russl.*: 95 (1852)—U.S.S.R. (Middle Asia). †
- lentiginosus
 var. *pohlii* *S.L. Welsh & R.C. Barneby in Iselya*, 2(1): 1 (1981)—U.S.A. (Utah).
- leonardii *A.A. Ramak Maassoumi in Iranian J. Bot.*, 4(1): 132 (1988)—Iran.
- lepidus *D. Podlech in Mitt. Bot. Staatssamml. München*, 27: 57 (1988)—Iran.
- li-nii *E. Gómez-Sosa in Taxon*, 37(2): 469 (1988), nom. nov.: *A. monticola* *P.C. Li & C.C. Ni*.
- limnocharis
 var. *tabulaeus* *S.L. Welsh in Great Basin Nat.*, 46(2): 261 (1986)—U.S.A. (Utah).
- lineariaurifer *P.C. Li in Acta Bot. Yunnanica*, 11(3): 292 (1989)—China.
- linearifolius *P.N. Ovchinnikov & M. Rasulova in Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 4(65): 4 (1976)—U.S.S.R. (Middle Asia).
- lineatus
 var. *bibracteolatus* *H. Duman & M. Vural in Doğa, Turk. J. Bot.*, 14: 42 (1990)—Turkey.

ASTRAGALUS :-

- longisepalus *M.R. Rasulova in Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 4(77): 90 (1979)—U.S.S.R. (Middle Asia).
- longistipitatus *A.G. Borisova in Trudy Tadzhik. Bazv Akad. Nauk*, 2: 165 (1936)—U.S.S.R. (Middle Asia).
- maassoumii *D. Podlech in Mitt. Bot. Staatssamml. München*, 25(1): 280 (1988)—Iran.
- macropelmatus
 subsp. *pseudobuchtormensis* (*Sirj. & Rech. f.*) *D. Podlech in Mitt. Bot. Staatssamml. München*, 25(2): 735 (1988): *A. pseudobuchtormensis*.
- magistratus *A.A. Ramak Maassoumi, A. Ghahreman & V. Mozaffarian in Iranian J. Bot.*, 4(1): 110 (1988)—Iran.
- maireanus *W. Greuter & Burdet in Willdenowia*, 16(2): 441 (1987)—Morocco.
- marianus *Huber, Cat. Gén. 1871 & 1872*: 3 (1871); cf. *D.J. Mabberley in Taxon*, 34(3): 453 (1985)—U.S.A. (Colorado).
- marinus
 subsp. *boreomarinus* (*Khokhr.*) *N.S. Pavlova in Sosud. Rast. Sovet. Dal'nego Vostoka*, 4: 235 (1989): *A. boreomarinus*.
- matiensis *P.C. Li in Acta Bot. Yunnanica*, 11(3): 294 (1989)—China.
- memnonius *A.A. Ramak Maassoumi & D. Podlech in Iranian J. Bot.*, 4(1): 81 (1988)—Iran.
- mendocinus *E. Gómez-Sosa in Bol. Soc. Argent. Bot.*, 25(3-4): 488 (1988)—Argentina.
- meuselii *A. Romo in Flora (Germany)*, 182(3-4): 265 (1989)—Morocco.
- milingensis
 var. *heydeoides* *K.T. Fu in Acta Bot. Bor.-Occid. Sin.*, 5(1): 48 (1985)—China.
- var. *paucijugus* (*K.T. Fu*) *K.T. Fu in Acta Bot. Bor.-Occid. Sin.*, 6(1): 58 (1986): *A. prodigiosus* var. *paucijugus*.
- var. *prodigiosus* (*K.T. Fu*) *K.T. Fu in Acta Bot. Bor.-Occid. Sin.*, 6(1): 58 (1986): *A. prodigiosus*.
- minutus *A.A.R. Maassoumi in Mitt. Bot. Staatssamml. München*, 28: 506 (1989)—Iran.
- miralamensis *D. Podlech in Mitt. Bot. Staatssamml. München*, 25(2): 737 (1988)—Afghanistan.
- mirus *D.I. Sosnovskii in Trudy Tbilis. Bot. Inst.*, 12: 230 (1948)—Turkey.
- miyalomontis *P.C. Li in Acta Bot. Yunnanica*, 11(3): 288 (1989)—China.
- monodelphus
 subsp. *xitaibaicus* (*K.T. Fu in Acta Bot. Bor.-Occid. Sin.*, 1(2): 17 (1981)—China).
- montigenus (*Hand-Mazz.*) *Cheng f. ex P.C. Li in Acta Bot. Yunnanica*, 11(3): 289 (1989): *A. bhotanensis* var. *montigenus*.
- mozaffarianii *A.A.R. Maassoumi in Iranian J. Bot.*, 3(2): 191 (1987)—Iran.
- nanfengensis *Z.C. Ni in Acta Phytotax. Sin.*, 25(3): 233 (1987)—Xizang.
- nebrodensis (*Guss.*) *P.G. Strobl in Österr. Bot. Zeitschr.*, 37: 245 (1887): *A. siculus* b. *nebrodensis*.
- nelidae *E. Gómez-Sosa in Bol. Soc. Argent. Bot.*, 25(3-4): 485 (1988)—Argentina.
- nenilini *F.O. Khasanov & I.I. Mal'tsev in Dokl. Akad. Nauk Uzb. SSR*, 1989(9): 52 (1989)—U.S.S.R. (Middle Asia).
- neobarnebyanus *E. Gómez-Sosa in Brittonia*, 38(4): 427 (1986)—Peru.
- neochorgosicus *D. Podlech in Mitt. Bot. Staatssamml. München*, 25(2): 624 (1988), as 'neo-chorgosicus'—Xinjiang, U.S.S.R. (Middle Asia).
- neomobayenii *A.A. Ramak Maassoumi in Iranian J. Bot.*, 4(1): 135 (1988), as 'neo-mobayenii'—Iran.
- neopodlechii *A.A.R. Maassoumi in Iranian J. Bot.*, 3(2): 193 (1987), as 'neo-podlechii'—Iran.
- newberryi
 var. *escalantinus* *R.C. Barneby in A. Cronquist et al., Intermountain Fl., Vasc. Pl. Intermountain West, U.S.A.*, 3B: 128 (1989)—U.S.A. (Utah).
- nigrocarpus *F.O. Khasanov & I.I. Mal'tsev in Dokl. Akad. Nauk Uzb. SSR*, 1989(3): 54 (1989)—U.S.S.R. (Middle Asia).
- nitidissimus *W. Greuter & Burdet in Willdenowia*, 16(1): 108 (1986), nom. nov.: *A. nitens* *Boiss. & Heldr.*
- novus *J.J. Winterl, Index Hort. Bot. Pest.*: 15, fig. 13 (1788), see Art. 23.6, Ex. 6 ICBN (1983)—Locality not stated.

ASTRAGALUS :-

- nummularius
subsp. trichopterus (Boiss.) D. Podlech in Mitt. Bot. Staatssamml. München, 25(1): 307 (1988): A. trichopterus.
- nurabadensis A.R. Maassoumi & D. Podlech in Bot. Jahrb., 109(2): 269 (1987)—Iran.
- nutriosensis M.J. Sanderson in Madroño, 35(4): 325 (1988 publ. 1989)—U.S.A. (Arizona).
- ocakverdii Küt Tan & F. Sorger in Pl. Syst. Evol., 154(1-2): 115 (1986)—Turkey.
- ordosicus H.C. Fu in Fl. Intramongolica, Ser. 2, 3: 671, 290 (1989)—China.
- pakistanicus D. Podlech in Mitt. Bot. Staatssamml. München, 25(1): 502 (1988)—Pakistan.
- pamirensis P.N. Ovchinnikov & M.R. Rasulova in Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk, 4(65): 7 (1976)—U.S.S.R. (Middle Asia).
- pamiricus (B. Fedtschenko) B. Fedtschenko in Bull. Herb. Boiss., Ser. 2, 5: 315 (1905): A. tianschanicus var. pamiricus.†
- papillosus D. Podlech in Mitt. Bot. Staatssamml. München, 27: 60 (1988)—Afghanistan.
- patrius A.A. Ramak Maassoumi in Iranian J. Bot., 4(1): 137 (1988)—Iran.
- pendulopetalus S.B. Ho & Z.H. Wu in Acta Bot. Bor.-Occid. Sin., 8(2): 133 (1988)—Xinjiang.
- penetratus A.A.R. Maassoumi in Mitt. Bot. Staatssamml. München, 28: 507 (1989)—Iran.
- pentapetaloides A. Bunge, Beitr. Fl. Russl.: 98 (1852)—U.S.S.R. (Middle Asia).†
- perdurans D. Podlech in Mitt. Bot. Staatssamml. München, 25(1): 385 (1988)—Iran.
- perplexus A.A.R. Maassoumi in Mitt. Bot. Staatssamml. München, 27: 131 (1988)—Iran.
- perplexans D. Podlech in Mitt. Bot. Staatssamml. München, 25(1): 500 (1988)—Afghanistan.
- pinetorum
subsp. almutensis A.A.R. Maassoumi & D. Podlech in Iranian J. Bot., 3(2): 104 (1987)—Iran.
- subsp. declinatus D. Podlech in Mitt. Bot. Staatssamml. München, 25(1): 326 (1988), nom. nov.: A. declinatus Willd.
- pinonis
var. atwoodii (Welsh & Thorne) R.C. Barneby & Isely in A. Cronquist et al., Intermountain Fl., Vasc. Pl. Intermountain West, U.S.A., 3B: 67 (1989): A. atwoodii.
- piranshahricus A.R. Maassoumi & D. Podlech in Bot. Jahrb., 109(2): 271 (1987)—Iran.
- pish-chakensis A.A.R. Maassoumi in Mitt. Bot. Staatssamml. München, 27: 132 (1988)—Iran.
- plagiophacous A.A. Ramak Maassoumi & D. Podlech in Iranian J. Bot., 4(1): 83 (1988)—Iran.
- potaninii N. Ulziikhutag in Byull. Mosk. Obshch. Ispyt. Prir., Biol., 95(2): 77 (1990)—Mongolia.
- preussii
var. cutleri R.C. Barneby in Great Basin Nat., 46(2): 256 (1986)—U.S.A. (Utah).
- prodigiosus
var. paucijugus K.T. Fu in Acta Bot. Bor.-Occid. Sin., 5(1): 48 (1985)—China.
- przhevalskianus D. Podlech & Ulzj. in Mitt. Bot. Staatssamml. München, 25(1): 366 (1988)—Mongolia, Xinjiang.
- pseudochorinensis N. Ulziikhutag in Byull. Mosk. Obshch. Ispyt. Prir., Biol., 95(1): 113 (1990)—Mongolia.
- pseudofragiferus S. Tietz in Mitt. Bot. Staatssamml. München, 27: 213 (1988)—Iran.
- pseudogombo J. Fernández Casas in Fontqueria, 2: 25 (1982)—Morocco.
- pseudogompholobium D. Podlech in Mitt. Bot. Staatssamml. München, 25(2): 759 (1988)—Afghanistan.
- pseudoibicinus A.R. Maassoumi & D. Podlech in Bot. Jahrb., 109(2): 272 (1987)—Iran.
- subsp. kowlikoshensis A.R. Maassoumi & D. Podlech in Bot. Jahrb., 109(2): 272 (1987)—Iran.
- pseudojohannis A.A.R. Maassoumi & D. Podlech in Iranian J. Bot., 3(2): 106 (1987)—Iran.
- pseudomultijugus D. Podlech in Mitt. Bot. Staatssamml. München, 27: 58 (1988)—Iran.
- pseudopellitus D. Podlech in Mitt. Bot. Staatssamml. München, 25(1): 486 (1988)—Iran.
- pseudotesticulatus Sancz. ex N. Ulziikhutag in Byull. Mosk. Obshch. Ispyt. Prir., Biol., 95(2): 82 (1990)—Mongolia.

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- pseudotitovii D. Podlech in Mitt. Bot. Staatssamml. München, 25(2): 765 (1988)—U.S.S.R. (Middle Asia).
- pseudotomentellus D. Podlech in Mitt. Bot. Staatssamml. München, 25(1): 441 (1988)—Afghanistan.
- pseudovinus A.A.R. Maassoumi & D. Podlech in Iranian J. Bot., 3(2): 106 (1987)—Iran.
- pseudovulpinus Sancz. ex N. Ulziikhutag in Byull. Mosk. Obshch. Ispyt. Prir., Biol., 95(1): 115 (1990)—Mongolia.
- pseudozagrosicus A.R. Maassoumi & D. Podlech in Bot. Jahrb., 109(2): 274 (1987)—Iran.
- qingheensis Y.X. Liou in Fl. Desert. Reipubl. Popul. Sin., 2: 444 (1987)—Xinjiang.
- ramitensis M.R. Rasulova in Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk, 4(81): 27 (1980)—U.S.S.R. (Middle Asia).
- regestus A.A.R. Maassoumi in Mitt. Bot. Staatssamml. München, 28: 508 (1989)—Iran.
- renzianus D. Podlech in Mitt. Bot. Staatssamml. München, 28: 2 (1986)—Iran.
- reticulatovenosus A.A.R. Maassoumi & D. Podlech in Iranian J. Bot., 3(2): 109 (1987), as 'reticulatovenosus'—Iran.
- rhizanthus
subsp. candolleanus (Royle ex Benth.) D. Podlech in Mitt. Bot. Staatssamml. München, 25(1): 184 (1988): A. candolleanus.
- var. pindreensis (Benth.) ex Baker D. Podlech in Mitt. Bot. Staatssamml. München, 25(1): 183 (1988): A. candolleanus var. pindreensis.
- rhizocephalus
subsp. hindukushensis (Wendelbo) D. Podlech in Mitt. Bot. Staatssamml. München, 25(1): 402 (1988): A. hindukushensis.
- rivashensis A.A. Ramak Maassoumi in Iranian J. Bot., 4(1): 139 (1988)—Iran.
- robertianus Küt Tan & F. Sorger in Aliso, 11(4): 622 (1987)—Turkey.
- rubrocylindricus A.A. Ramak Maassoumi & D. Podlech in Iranian J. Bot., 4(1): 85 (1988)—Iran.
- rubromarginatus
subsp. oerolanicus (M. Popov) D. Podlech in Mitt. Bot. Staatssamml. München, 25(1): 493 (1988): A. oerolanicus.
- rudolfii N. Ulziikhutag in Byull. Mosk. Obshch. Ispyt. Prir., Biol., 95(2): 80 (1990)—Mongolia, Xinjiang.
- salsugineus
var. hetaoensis H.C. Fu in Fl. Intramongolica, Ser. 2, 3: 672, 293 (1989)—China.
- sanandajianus S. Tietz in Mitt. Bot. Staatssamml. München, 27: 222 (1988)—Iran.
- sanczirii N. Ulziikhutag in Byull. Mosk. Obshch. Ispyt. Prir., Biol., 95(1): 114 (1990)—Mongolia.
- sangcharakensis D. Podlech in Mitt. Bot. Staatssamml. München, 25(2): 783 (1988)—Afghanistan.
- sarygorensis M.R. Rasulova in Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk, 2(75): 95 (1979)—U.S.S.R. (Middle Asia).
- savellanicus D. Podlech in Mitt. Bot. Staatssamml. München, 25(1): 350 (1988)—Iran.
- schmidii D. Podlech in Mitt. Bot. Staatssamml. München, 25(2): 724 (1988)—Iran.
- semicircularis P.C. Li in Acta Bot. Yunnanica, 11(3): 297 (1989), as 'semi-circularis'—China.
- semilunatus D. Podlech in Mitt. Bot. Staatssamml. München, 25(1): 219 (1988)—Iran.
- setiferus P.N. Ovchinnikov & M. Rasulova in Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk, 4(65): 3 (1976)—U.S.S.R. (Middle Asia).
- seydishehircus Küt Tan & H. Ocakverdi in Notes Roy. Bot. Gard. Edinburgh, 44(1): 157 (1986)—Turkey.
- shatuensis D. Podlech in Mitt. Bot. Staatssamml. München, 25(1): 446 (1988)—Afghanistan.
- siccanus P.C. Li in Acta Bot. Yunnanica, 11(3): 291 (1989)—China.
- simonii A. Huber-Morath in Bauhinia, 9(1): 38 (1988)—Turkey.
- sojakii D. Podlech in Mitt. Bot. Staatssamml. München, 25(1): 243 (1988)—Iran.
- sphaerocystis A. Bunge, Beitr. Fl. Russl.: 97 (1852)—U.S.S.R. (Middle Asia).†
- stepporum D. Podlech in Mitt. Bot. Staatssamml. München, 27: 51 (1988)—Iran.

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- stevonianus
subsp. glochideus (Boriss.) A.K. Sýtin in Novosti Sist. Vyssh. Rast., 25: 107 (1988): A. glochideus.
- subsp. meskheticus (Manden.) A.K. Sýtin in Novosti Sist. Vyssh. Rast., 25: 106 (1988): A. meskheticus.
- stridii Küt Tan in Aliso, 11(4): 621 (1987)—Turkey.
- subscaposus M. Popov ex A.G. Borisova in Trudy Tadzsh. Bazý Akad. Nauk, 2: 164 (1936)—U.S.S.R. (Middle Asia).
- subspogocarpus P.N. Ovchinnikov & M.R. Rasulova in Dokl. Akad. Nauk Tadzh. SSR, 23(6): 338 (1980)—U.S.S.R. (Middle Asia).
- susianus
subsp. sericeus S. Tietz in Mitt. Bot. Staatssamml. München, 27: 174 (1988)—Iran.
- tabrisianus E.P. Sheldon in Minnesota Bot. Stud., 1: 154 (1894), nom. nov. illegit.: A. elegans Bunge.
- taipaishanensis Y.C. Ho & S.B. Ho ex C.W. Chang in Fl. Tsinlingensis, 1(3): 445, 60 (1981)—China.
- tamiricus N. Ulziikhutag in L.G. Byazrov et al., Fl. Khangaya: 124 (1989)—Mongolia.
- tanai D.I. Sosnovskii in Trudy Tbilis. Bot. Inst., 12: 235 (1948)—U.S.S.R. (Caucasus).
- tanguticus
var. albiflorus S.W. Liu ex K.T. Fu in Acta Bot. Bor.-Occid. Sin., 6(1): 57 (1986)—China.
- tener
var. ferrisae A. Liston in Brittonia, 42(2): 100 (1990)—U.S.A. (California).
- termeanus A.A. Ramak Maassoumi & D. Podlech in Iranian J. Bot., 4(1): 87 (1988)—Iran.
- terrae-rubrae A. Butkov in Bot. Mater. Gerb. Bot. Inst. Uzbek. Fil. Akad. Nauk SSSR, 6: 6 (1941)—U.S.S.R. (Middle Asia).
- thracicus
subsp. cylleneus (Boiss. & Heldr.) A. Strid in A. Strid (ed.), Mount. Fl. Greece, 1: 467 (1986): A. cylleneus.
- subsp. monachorum (Širj.) A. Strid in A. Strid (ed.), Mount. Fl. Greece, 1: 467 (1986): A. monachorum.
- subsp. parnassii (Boiss.) A. Strid in A. Strid (ed.), Mount. Fl. Greece, 1: 466 (1986): A. parnassii.
- tokachiensis T. Yamazaki & Y. Kadota in J. Jap. Bot., 61(7): 199 (1986)—Japan.
- tolmacevii B.A. Yurtsev in Arktich. Fl. SSSR, 9(2): 178, 48 (1986)—U.S.S.R. (Siberia, Soviet Far East), Canada (N.W. Terr.).
- tragacanthoides
subsp. pinetorum (Boiss.) D. Podlech in Bot. Jahrb., 108(2-3): 328 (1987): A. pinetorum.
- transoxanus F.G.L. Fischer in A. Bunge, Beitr. Fl. Russl.: 95 (1852)—U.S.S.R. (Middle Asia).†
- trifoliolatus N.V. Pavlov in Vestn. Akad. Nauk Kazakh. SSR, 1: 32 (1949)—U.S.S.R. (Middle Asia).†
- tuus Küt Tan in Aliso, 11(4): 627 (1987)—Turkey.
- typhaeiformis A.A. Ramak Maassoumi in Iranian J. Bot., 4(1): 141 (1988)—Iran.
- urungensis N. Ulziikhutag in Byull. Mosk. Obshch. Ispyt. Prir., Biol., 95(2): 75 (1990)—Xinjiang.
- vanensis D.I. Sosnovskii in Trudy Tbilis. Bot. Inst., 12: 240 (1948)—Turkey.
- variocarinus A.P. Khokhryakov in Byull. Mosk. Obshch. Ispyt. Prir., Biol., 94(6): 95 (1989)—U.S.S.R. (Caucasus, Middle Asia).
- venustus A.R. Maassoumi & D. Podlech in Davis & Hedge Festschrift (ed. Küt Tan): 78 (1989)—Iran.
- vereskensis A.R. Maassoumi & D. Podlech in Bot. Jahrb., 109(2): 276 (1987)—Iran.
- vessaliae A.A. Ramak Maassoumi & D. Podlech in Iranian J. Bot., 4(1): 88 (1988), as 'vessaliae'—Iran.
- viridiflavus N. Ulziikhutag in Byull. Mosk. Obshch. Ispyt. Prir., Biol., 95(2): 78 (1990)—Mongolia.
- warionis M. Gandoger in Bull. Soc. Bot. France, 64: 122 (1917)—Algeria.
- welshii R.C. Barneby in A. Cronquist et al., Intermountain Fl., Vasc. Pl. Intermountain West, U.S.A., 3B: 130 (1989)—U.S.A. (Utah).
- wolungensis P.C. Li in Acta Bot. Yunnanica, 11(3): 295 (1989)—China.
- zarokoensis M.R. Rasulova in Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk, 4(81): 25 (1980)—U.S.S.R. (Middle Asia).
- zhaolingicus K.T. Fu in Acta Bot. Bor.-Occid. Sin., 10(3): 219 (1990)—China.

- ATRACYLIS** (Compos.).
 subgen. *Acarna* (Allioni) D. Petit in *Bull. Soc. Bot. France, Lett. Bot.*, 134(2): 179 (1987): gen. *Acarna*.
 subgen. *Carlinoideae* (Batt.) D. Petit in *Bull. Soc. Bot. France, Lett. Bot.*, 135(1): 72 (1988): A. sect. *Carlinoidea*.
 subgen. *Spadactis* (Cass.) D. Petit in *Bull. Soc. Bot. France, Lett. Bot.*, 135(1): 72 (1988): gen. *Spadactis*.
aurantica K.H. Rechinger in *Willdenowia*, 19(1): 156 (1989)—Jordan.
babelii
 var. *monodii* (Arènes) D.P. Petit in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 9(4): 432 (1987 publ. 1988): A. *monodii*.
lancea C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 729 (1784)—Japan.†
ovata C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 730 (1784)—Japan.†
prolifera
 var. *sulfurea* D.P. Petit in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 9(4): 428 (1987 publ. 1988)—Morocco.
sojakii K.H. Rechinger in *Willdenowia*, 19(1): 155 (1989)—Iran.
- ATRACYLIDES** (Compos.).
comosa (Sieb. ex Cass.) D. Petit in *Bull. Soc. Bot. France, Lett. Bot.*, 134(2): 179 (1987): *Atractylis comosa*.
cuneata (Boiss.) D. Petit in *Bull. Soc. Bot. France, Lett. Bot.*, 134(2): 179 (1987): *Atractylis cuneata*.
- ATRAGENE** (Ranunculac.).
japonica C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 511 (1784)—Japan.†
moisseenkoi V.P. Serv in *Bot. Zhurn.*, 71(8): 1128 (1986)—U.S.S.R. (Middle Asia).
- ATRAPHAXIS** (Polygonac.).
pyrifolia A. Bunge, *Beitr. Fl. Russl.*: 307 (1852)—U.S.S.R. (Middle Asia).†
- ATRIPLEX** (Chenopodiace.).
acanthocarpa
 subsp. *coahuilensis* J. Henrickson in *Southwest. Nat.*, 33(4): 458 (1988)—Mexico, U.S.A. (Texas).
 subsp. *pringlei* (Standley) J. Henrickson in *Southwest. Nat.*, 33(4): 461 (1988): A. *pringlei*.
 subsp. *stewartii* (I.M. Johnston) J. Henrickson in *Southwest. Nat.*, 33(4): 457 (1988): A. *stewartii*.
canescens
 var. *gigantea* S.L. Welsh & Stutz in *Great Basin Nat.*, 44(2): 189 (1984)—U.S.A. (Utah).
 var. *occidentalis* (Torr. & Frem.) S.L. Welsh & Stutz in *Great Basin Nat.*, 44(2): 188 (1984): *Pterichiton occidentalis*.
chizae M.R. Rosas in *Gayana, Bot.*, 46(1–2): 26 (1989)—Chile.
gardneri
 var. *bonnevillensis* (C.A. Hanson) S.L. Welsh in *Great Basin Nat.*, 44(2): 190 (1984): A. *bonnevillensis*.
 var. *cuneata* (A. Nels.) S.L. Welsh in *Great Basin Nat.*, 44(2): 190 (1984): A. *cuneata*.
 var. *falcata* (Jones) S.L. Welsh in *Great Basin Nat.*, 44(2): 191 (1984): A. *nuttallii* var. *falcata*.
 var. *welshii* (C.A. Hanson) S.L. Welsh in *Great Basin Nat.*, 44(2): 191 (1984): A. *welshii*.
 × *gustafssoniana* P.M. Taschereau in *Watsonia*, 17(3): 256 (1989)—Great Britain, Sweden, Norway, Denmark. (A. *longipes* × *prostrata*).
 var. *kattgatensis* (Turesson) P.M. Taschereau in *Watsonia*, 17(3): 258 (1989): A. *longipes* subsp. *kattgatense*.
heterosperma A. Bunge, *Beitr. Fl. Russl.*: 272 (1852)—U.S.S.R.†
 × *hulmeana* P.M. Taschereau in *Watsonia*, 17(3): 261 (1989)—Great Britain. (A. *littoralis* × *prostrata*).
imbricata
 var. *foliolosa* (Phil.) M.R. Rosas in *Gayana, Bot.*, 46(1–2): 39 (1989): A. *foliolosum*.
monica Weigel, *Hort. Gryph.*: 36 (1782); cf. D.J. Mabberley in *Taxon*, 33(3): 441 (1984)—Locality not stated.
- ATRIPLEX** :—
patula
 var. *triangularis* (Willd.) Thorne & S.L. Welsh in *Great Basin Nat.*, 44(2): 193 (1984): A. *triangularis*.
prostrata
 var. *salina* (Wallr.) O. de Bolós & J. Vigo, *Fl. Países Catalans*, 2: 784 (1990): A. *patula* var. *salina*.
saccaria
 var. *caput-medusae* (Eastw.) S.L. Welsh in *Great Basin Nat.*, 44(2): 194 (1984): A. *caput-medusae*.
tornabenei
 var. *pedunculata* S. Castroviejo in *An. Jard. Bot. Madrid*, 43(2): 475 (1986 publ. 1987)—Balearic Is.
vallenarenensis M.R. Rosas in *Gayana, Bot.*, 46(1–2): 54 (1989)—Chile.
- ATROPA** (Solanac.).
belladonna
 subsp. *caucasica* (Kreyer) V.E. Avetisyan in *Biol. Zhurn. Arm.*, 34(9): 908 (1981): A. *caucasica*.
- × **ATTABIGNYA** M.J. Balick, A.B. Anderson & J.T. de Medeiros-Costa in *Brittonia*, 39(1): 27 (1987). *PALMAE*. (*Attalea* × *Orbignya*).
minarum M.J. Balick, A.B. Anderson & J.T. de Medeiros-Costa in *Brittonia*, 39(1): 27 (1987)—Brazil.
- ATTALEA** (Palmae).
colenda (O.F. Cook) H. Balslev & A. Henderson in *Brittonia*, 39(1): 1 (1987), without exact basionym page: Ynesa *colenda*.
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- var. *thymifolium* (Duvign.) F.X. Ayobangira in *Etud. Rwandaises, Sci. Nat. Appl.*, 1(3): 285 (1987): B. *thymifolium*.
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volckii B.P.M. Hyland in *Austral. Syst. Bot.*, 2(2-3): 156 (1989)—Australia (Queensland).
- BEISELIA** L.L. Forman in *Kew Bull.*, 42(1): 262 (1987). *BURSERACEAE*.
mexicana L.L. Forman in *Kew Bull.*, 42(1): 262 (1987)—Mexico.
- BELAMCANDA** (Iridac.).
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var. pyricarpa (Feinbr.) N. Feinbrun-Dothan, *Fl. Palaestina*, 4: 67 (1986): *B. zoharyi* subsp. *pyricarpa*.
- BELLUCIA** (Melastomatac.).
beckii S.S. Renner in *Mem. New York Bot. Gard.*, 50: 28 (1989)—Bolivia, Brazil.
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shangsiense X.X. Chen & J.Y. Luo in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 163 (1986)—China.
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spinescens E.M. Bennett in *Nuytsia*, 5(3): 402 (1986)—Australia (W. Australia).
- BENZINGIA** C.H. Dodson in *Ic. Pl. Trop.*, Ser. 2, 5: t. 406 (1989), holotype not indicated. *ORCHIDACEAE*.
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hirtzii C.H. Dodson in *Ic. Pl. Trop.*, Ser. 2, 5: t. 406 (1989), generic name not validly publ.—Ecuador.
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campylotropia T.S. Ying in *Fl. Xizangica*, 2: 152 (1985)—Xizang.
chingii
subsp. subdentata C.M. Hu in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 9 (1986)—China.
subsp. wulingensis C.M. Hu in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 9 (1986)—China.
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hajirensis R.A. Qureshi & M.N. Chaudhri in *Pakistan Syst.*, 3(1): 17 (1987)—Pakistan.
hispanica
subsp. seroi (O. Bolos & Vigo) S. Rivas-Martínez, *J. Loidi* & C. Arnáiz in *Lazaroa*, 8: 8 (1985 publ. 1986): *B. vulgaris* subsp. *seroi*.
hypericifolia T.S. Ying in *Fl. Xizangica*, 2: 140 (1985)—Xizang.
jaeschkeana
var. apiculata (Ahrendt) H.B. Naithani & S. Biswas in *H.B. Naithani, Flow. Pl. India, Nepal & Bhutan*: 25 (1990): *B. usterriana* var. *apiculata*.
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var. pulchella C.M. Hu in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 10 (1986)—China.
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multicaulis T.S. Ying in *Fl. Xizangica*, 2: 147 (1985)—Xizang.
multiserrata T.S. Ying in *Fl. Xizangica*, 2: 139 (1985)—Xizang.
nullinervis T.S. Ying in *Fl. Xizangica*, 2: 141 (1985)—Xizang.
oblanceifolia C.M. Hu in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 12 (1986)—China.
obovatifolia T.S. Ying in *Fl. Xizangica*, 2: 146 (1985)—Xizang.
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photiniaefolia C.M. Hu in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 4 (1986)—China.
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purangensis T.S. Ying in *Fl. Xizangica*, 2: 133 (1985), as '*pulangensis*'—Xizang.
racemulosa T.S. Ying in *Fl. Xizangica*, 2: 129 (1985)—Xizang.
sabulicola T.S. Ying in *Fl. Xizangica*, 2: 133 (1985)—Xizang.
tianbaoshanensis S.Y. Bao in *Acta Phytotax. Sin.*, 25(2): 158 (1987)—China.
trichiata T.S. Ying in *Fl. Xizangica*, 2: 125 (1985)—Xizang.
umbratica T.S. Ying in *Fl. Xizangica*, 2: 135 (1985)—Xizang.
vinifera T.S. Ying in *Fl. Xizangica*, 2: 142 (1985)—Xizang.
wuyiensis C.M. Hu in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 7 (1986)—China.

BERCHEMIELLA (Rhamnac.).

wilsonii

var. *pupipetiolata* H. Qian in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 124 (1988), with two types cited—China.

BERGENIA (Saxifragac.).

sect. *Ciliatae* (A. Boriss.) J.T. Pan in *Acta Phytotax. Sin.*, 26(2): 124 (1988); B. ser. *Ciliatae*.
sect. *Scopulosae* J.T. Pan in *Acta Phytotax. Sin.*, 26(2): 122 (1988).
emeiensis C.Y. Wu ex J.T. Pan in *Acta Phytotax. Sin.*, 26(2): 124 (1988)—China.
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BERGERA (Rutac.).

integerrima F. Buchanan-Hamilton ex A.P. de Candolle, *Prodr.*, 1: 537 (1824); *fide* D.J. Mabberley in *Taxon*, 26(5-6): 537 (1824)—India.

BERGIA (Elatinac.).

auriculata G.J. Leach in *J. Adelaide Bot. Gard.*, 11(2): 91 (1989)—Australia (W. Australia).
barklyana G.J. Leach in *J. Adelaide Bot. Gard.*, 11(2): 89 (1989)—Australia (N. Terr.).
diacheiron Verdon ex G.J. Leach in *J. Adelaide Bot. Gard.*, 11(2): 97 (1989)—Australia (N. Terr., Queensland, S. Australia).
henshallii G.J. Leach in *J. Adelaide Bot. Gard.*, 11(2): 83 (1989)—Australia (N. Terr., W. Australia).
occultipetala G.J. Leach in *J. Adelaide Bot. Gard.*, 11(2): 95 (1989)—Australia (N. Terr., S. Australia).
perennis
 subsp. *exigua* G.J. Leach in *J. Adelaide Bot. Gard.*, 11(2): 89 (1989)—Australia (S. Australia, W. Australia, Queensland).
 subsp. *obtusifolia* G.J. Leach in *J. Adelaide Bot. Gard.*, 11(2): 87 (1989)—Australia (N. Terr., W. Australia, S. Australia).

BERINGERIA (Labiata.).

cinerea (Desr.) Benth. ex G. Don f. in *Loud., Hort. Brit.*: 483 (1830); *cf.* D.J. Mabberley in *Taxon*, 31(1): 69 (1982): Basionym not stated.

BERKHEYA (Compos.).

leucaugeta O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 183 (1988 publ. 1989)—South Africa (Natal).

BERLANDIERA (Compos.).

lyrata

var. *monocephala* B.L. Turner in *Phytologia*, 64(3): 205, 206 (1988)—Hawaiian Is.

BERNARDIA (Euphorbiac.).

laurentii R.A. Howard in *Phytologia*, 61(1): 2 (1986)—Windward Is.

BERTYA (Euphorbiac.).

glabrescens (C. White) G.P. Guymer in *Austrobaileya*, 2(5): 429 (1988); B. oleifolia var. *glabrescens*.
ingramii T.A. James in *Telopea*, 3(2): 285 (1988)—Australia (New South Wales).
sharpiana G.P. Guymer in *Austrobaileya*, 2(5): 427 (1988)—Australia (Queensland).

BERUNIELLA K.Z. Zakirov & M.M. Nabiev in

Opred. Rast. Sred. Azii, 8: 169 (1986).
BORAGINACEAE.
micrantha (Pall.) K.Z. Zakirov & M.M. Nabiev in *Opred. Rast. Sred. Azii*, 8: 169 (1986); *Onosma micranthos*.

BESCHORNERIA (Agavac.).

calciola A. García-Mendoza in *Herbertia*, 42: 28 (1986)—Mexico.
septentrionalis A. García-Mendoza in *Cact. Suc. Mex.*, 33(1): 3 (1988)—Mexico.

BESLERIA (Gesneriac.).

arbusta L.E. Skog in *Op. Bot.*, 92: 231 (1987)—Peru.
steyermarkiorum Wiehler ex L.E. Skog in *Op. Bot.*, 92: 233 (1987)—Venezuela.

BETA (Chenopodiace.).

vulgaris

var. *asiatica* V.I. Burenin in *Byull. Vses. Ord. Lenina Inst. Rast. N.I. Vavilova*, 161: 69 (1986)—Cultivation.
var. *rubra* V.I. Burenin in *Byull. Vses. Ord. Lenina Inst. Rast. N.I. Vavilova*, 161: 70 (1986)—Cultivation.
var. *rubrifolia* Krassochk. ex V.I. Burenin in *Byull. Vses. Ord. Lenina Inst. Rast. N.I. Vavilova*, 161: 69 (1986)—Cultivation.
var. *subrosea* Krassochk. ex V.I. Burenin in *Byull. Vses. Ord. Lenina Inst. Rast. N.I. Vavilova*, 161: 70, line 12 (1986), but see ICBN(1983) Art.64.3—Cultivation.
var. *subrosea* Krassochk. ex V.I. Burenin in *Byull. Vses. Ord. Lenina Inst. Rast. N.I. Vavilova*, 161: 70, line 22 (1986), but see ICBN(1983) Art. 64.3—Cultivation.

BETONICA (Labiata.).

rosea Prien. ex Hornem., *Hort. Hafn., Suppl.*: 64 (1819); *cf.* D.J. Mabberley in *Taxon*, 33(3): 436 (1984)—Locality not stated.

BETULA (Betulac.).

alba

var. *glabrata* (Wahlenb.) F. Muñoz Garmendia & J. Pedrol in *An. Jard. Bot. Madrid*, 44(2): 599 (1987); B. pubescens var. *glabrata*.
subsp. *glutinosa* (Berher) J. Holub in *Folia Geobot. Phytotax.*, 24(4): 426 (1989); B. pubescens subsp. *glutinosa*.
ceratoptera G.H. Liu & Y.C. Ma in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 55 (1989)—China.
murrayana B.V. Barnes & B.P. Dancik in *Canad. J. Bot.*, 63(2): 226 (1985)—U.S.A. (Michigan).

pendula

f. *bircalensis* (Mela) L. Hämet-Ahti in *Mem. Soc. Fauna Flora Fenn.*, 65(1): 9 (1989); B. verrucosa *bircalensis*.
f. *crispa* (Reichenb.) L. Hämet-Ahti in *Mem. Soc. Fauna Flora Fenn.*, 65(1): 9 (1989); *Betula laciniata* var. *crispa*.
subsp. *fontqueri* (Rothm.) G. Moreno & M. Peinado in *An. Jard. Bot. Madrid*, 45(1): 359 (1988); B. fontqueri.
var. *fontqueri* (Rothm.) G. Moreno & M. Peinado in *An. Jard. Bot. Madrid*, 45(1): 359 (1988); B. fontqueri.
var. *lapponica* (Lindquist) L. Hämet-Ahti in *Mem. Soc. Fauna Flora Fenn.*, 65(1): 9 (1989); B. verrucosa var. *lapponica*.
var. *meridionalis* G. Moreno & M. Peinado in *An. Jard. Bot. Madrid*, 45(1): 359 (1988)—Spain.
var. *parvibracteata* (Peinado, G. Moreno & Velasco) G. Moreno & M. Peinado in *An. Jard. Bot. Madrid*, 45(1): 359 (1988); B. parvibracteata.

platyphylla

var. *brunnea* J.X. Huang in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 125 (1986)—China.

pubescens

subsp. *czerepanovii* (Orlova) L. Hämet-Ahti in *Phytozoologia*, 15(4): 450 (1987); B. czerepanovii.
var. *czerepanovii* (Orlova) L. Hämet-Ahti in *Mem. Soc. Fauna Flora Fenn.*, 65(1): 9 (1989); B. czerepanovii.
f. *hibernifolia* T. Ulvinen in *Mem. Soc. Fauna Flora Fenn.*, 65(4): 133 (1989)—Finland.
f. *rubra* T. Ulvinen in *Mem. Soc. Fauna Flora Fenn.*, 65(4): 135 (1989)—Finland.
szaferi Jentys-Szaferowa ex J. Staszkiwicz in *Acta Soc. Bot. Pol.*, 55(3): 364 (1986)—Poland.

BHIDEA (Gramin.).

borii U.R. Deshpande, V. Prakash & N.P. Singh in *Current Sci.*, 58(19): 1094 (1989)—India.
fisheri P.V. Sreekumar & B.V. Shetty in *Kew Bull.*, 42(3): 683 (1987)—India.

BIARUM (Arac.).

davisii

subsp. *marmarisense* P. Boyce in *Aroideana*, 10(4): 14 (1987), as 'marmarisensis'—Turkey.
ditschianum J. Bogner & P. Boyce in *Willdenowia*, 18(2): 409 (1989)—Turkey.

BIARUM :—

lehmannii A. Bunge, *Beitr. Fl. Russl.*: 327 (1852)—U.S.S.R. (Middle Asia).†

pyrami

var. *serotinum* J. Koach & N. Feinbrun-Dothan in *N. Feinbrun-Dothan, Fl. Palaestina*, 4: 398, 337 (1986)—Syria, Israel, Jordan.

BIDARIA (Asclepiadac.).

indica M.A. Rahman & C.C. Wilcock in *Blumea*, 34(1): 99 (1989), nom. nov.: *Gymnema montanum* var. *beddomei* Hook. f.
lacei (Craib) M.A. Rahman & C.C. Wilcock in *Blumea*, 34(1): 100 (1989); *Gymnema lacei*.
montana (Roxb.) M.A. Rahman & C.C. Wilcock in *Blumea*, 34(1): 99 (1989); *Asclepias montana*.

BIDENS (Compos.).

acrifolia

var. *langlassei* (Sherff) T.E. Melchert in *Phytologia*, 69(1): 21 (1990); B. langlassei.

aquisquama

var. *guanajuatensis* T.E. Melchert in *Phytologia*, 69(1): 22 (1990)—Mexico.

alba

var. *radiata* (C.H. Schultz-Bip.) R. Ballard in *Amer. J. Bot.*, 73(10): 1463 (1986); B. pilosa var. *radiata*.

antiguensis

var. *procumbens* (Donn. Smith) R.R. Roseman in *Phytologia*, 69(3): 177 (1990); B. coreopsisidis var. *procumbens*.

var. *salvadorensis* R.R. Roseman in *Phytologia*, 69(3): 178 (1990)—Guatemala, Salvador, Honduras, Nicaragua.

balsana T.E. Melchert in *Phytologia*, 69(1): 23 (1990)—Mexico.

bampiana S. Lisowski in *Bull. Jard. Bot. Nation. Belg.*, 57(3-4): 464 (1987)—Zaire, Zambia.

boquetiensis R.R. Roseman in *Phytologia*, 69(3): 186 (1990)—Panama, Costa Rica.

chiapensis

var. *feddemana* (Sherff) T.E. Melchert in *Phytologia*, 69(1): 24 (1990); B. feddemana.

clavata R. Ballard in *Syst. Bot.*, 13(2): 184 (1988)—Mexico.

cronquistii (Sherff) T.E. Melchert in *Phytologia*, 69(1): 24 (1990); *Coreocarpus cronquistii*.

diversifolia Schweigg., *Enum. Pl. Hort. Bot. Regiom.*: 16 (1812); *cf.* D.J. Mabberley in *Taxon*, 33(3): 441 (1984); Locality not stated.

esmartinezii J.L. Villaseñor in *Aliso*, 12(3): 579 (1989 publ. 1990)—Mexico.

exilis (Sherff) S. Lisowski in *Bull. Jard. Bot. Nation. Belg.*, 60(1-2): 173 (1990); *Coreopsis exilis*.

ferulifolia (Jacq.) Sweet, *Hort. Brit.*, ed. 2: 311 (1830); *cf.* D.J. Mabberley in *Taxon*, 30(1): 15 (1981); Basionym not stated.

hintonii (Sherff) T.E. Melchert in *Phytologia*, 69(1): 25 (1990); *Coreocarpus hintonii*.

izabalensis R.R. Roseman in *Phytologia*, 69(3): 185 (1990)—Guatemala, Belize, Mexico.

kasaiensis S. Lisowski in *Bull. Jard. Bot. Nation. Belg.*, 58(1-2): 259 (1988)—Zaire.

lejoliana S. Lisowski in *Bull. Jard. Bot. Nation. Belg.*, 60(1-2): 170 (1990)—Zaire.

leptoglossa (Sherff) S. Lisowski in *Bull. Jard. Bot. Nation. Belg.*, 60(1-2): 173 (1990); *Coreopsis leptoglossa*.

malawiensis Mesfin Tadesse in *SINET*, 12(2): 125 (1989)—Malawi.

mesfina A.A. Anderberg in *Bot. Jahrb.*, 110(1): 79 (1988)—Ethiopia.

oaxacana T.E. Melchert in *Phytologia*, 69(1): 26 (1990)—Mexico.

odorata

var. *calciola* (Greenman) R. Ballard in *Amer. J. Bot.*, 73(10): 1462 (1986); B. rosea var. *calciola*.

var. *chilpancingensis* R. Ballard in *Amer. J. Bot.*, 73(10): 1463 (1986)—Mexico.

var. *oaxacensis* R. Ballard in *Amer. J. Bot.*, 73(10): 1462 (1986)—Mexico.

var. *rosea* (Schultz-Bip.) T.E. Melchert in *Phytologia*, 69(1): 26 (1990); B. rosea.

pueblensis (Sherff) T.E. Melchert in *Phytologia*, 69(1): 27 (1990); B. bigelovii var. *pueblensis*.

rapense (F. Brown) T.F. Stuessy in *Brittonia*, 40(2): 198 (1988); *Chrysogonum rapense*.

BIDENS :-
 saltillensis T.E. Melchert in *Phytologia*, 69(1): 27 (1990)—Mexico.
 schaffneri
 var. wrightii (A. Gray) T.E. Melchert in *Phytologia*, 69(1): 28 (1990): B. heterophylla var. wrightii.
 sharpii (Sherff) T.E. Melchert in *Phytologia*, 69(1): 29 (1990): B. serrulata var. sharpii.
 var. tamazulapana T.E. Melchert in *Phytologia*, 69(1): 29 (1990)—Mexico.
 socorrensis R. Moran & G.A. Levin, *Vasc. Fl. Isla Socorro, Mexico (Mem. San Diego Soc. Nat. Hist. 16)*: 27 (1989)—Revilla Gigedo Is.
 squarrosa
 var. atrostriata R.R. Roseman in *Phytologia*, 69(3): 180 (1990)—Mexico.
 var. hondurensis R.R. Roseman in *Phytologia*, 69(3): 183 (1990)—Honduras, Costa Rica, Salvador.
 var. indivisa (B.L. Robins.) R.R. Roseman in *Phytologia*, 69(3): 184 (1990): B. tereticaulis var. indivisa.
 var. speciosa R.R. Roseman in *Phytologia*, 69(3): 181 (1990)—Guatemala, Mexico.
 var. tereticaulis (DC.) R.R. Roseman in *Phytologia*, 69(3): 182 (1990): B. tereticaulis.
 teikiteetini J. Florence & T.F. Stuessy in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 10(2): 121 (1988)—Marquesas Is.
 tubuaiensis T.F. Stuessy in *Brittonia*, 40(2): 198 (1988), nom. nov.: *Chrysogonum coriaceum* F. Brown.
 ugandensis
 var. rogersii (Sherff) S. Lisowski in *Bull. Jard. Bot. Nation. Belg.*, 60(1-2): 174 (1990): B. rogersii.
 var. schweinfurthii (Sherff) S. Lisowski in *Bull. Jard. Bot. Nation. Belg.*, 60(1-2): 174 (1990): B. schweinfurthii.
 zairensis S. Lisowski in *Bull. Jard. Bot. Nation. Belg.*, 57(3-4): 466 (1987)—Zaire.

BIERMANNIA (Orchidac.).
 calcarata L.V. Aver'yanov in *Bot. Zhurn.*, 73(3): 429 (1988)—Vietnam.
 jainiana S.N. Hegde & A. Nageswara Rao in *Bull. Bot. Surv. India*, 26(1-2): 97 (1984 publ. 1985)—India.

×**BIFRENIIDIUM** hort. in *Orchid Rev.*, 96(1135): centre page pull-out p. 8 (1988). *ORCHIDACEAE*. (Bifrenaria × Cymbidium).

×**BIFRENIELLA** hort. in *Orchid Rev.*, 97(1154): centre page pull-out p. 8 (1989). *ORCHIDACEAE*. (Bifrenaria × Rudolfiella).

BIGNONIA (Bignoniac.).
 colais F. Buchanan-Hamilton ex L.W. Dillwyn, *Rev. Hortus Malab.*: 28 (1839); fide D.J. Mabberley in *Taxon*, 26(5-6): 533 (1977)—India.
 grandiflora C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 564 (1784)—Japan.†
 tomentosa C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 563 (1784)—Japan.†

BIKKIOPSIS (Rubiac.).
 comptonii (S. Moore) M.G. Baumann-Bodenheim, *Syst. Fl. Neu-Caledonien*, 4: 102 (1988 publ. Jan. 1989), without basionym ref.; et *Syst. Fl. Neu-Caledonien*, 5: 97 (May 1989), with basionym ref.: *Bikkia comptonii*.

BILDERDYKIA (Polygonac.).
 cilinodis
 f. erecta (Peck) C.F. Reed in *Phytologia*, 63(5): 410 (1987): *Polygonum cilinode* var. erectum.

BILLBERGIA (Bromeliac.).
 amandae W. Weber in *Feddes Repert.*, 97(3-4): 115 (1986)—Brazil.
 amoena
 var. robertiana E. Pereira & E.M.C. Leme in *Brasil Floresta*, 13(59): 41 (1984)—Brazil.
 ×claudioi E.M.C. Leme in *Bradea*, 4(39): 314 (1987)—Brazil. (B. distachia var. distachia × vittata).
 domingomartinsii E. Gross in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 65: 65 (1988)—Brazil.

BILLBERGIA :-
 nobilis Bull. *Cat.*, 358: 1 (1901); cf. D.J. Mabberley in *Taxon*, 34(3): 456 (1985)—Locality not stated.
 robert-readii E. Gross & W. Rauh in *J. Bromeliad Soc.*, 37(2): 57 (1987)—Peru.

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 var. pinnatifida (Ford.) J.D. Olowokudejo in *Feddes Repert.*, 97(9-10): 569 (1986): B. pinnatifida.
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- BLEPHAROCALYX** (Myrtac.).
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albiflora
var. heronensis F.R. Fosberg in *Brittonia*, 40(1): 59 (1988)—Australia (Queensland).
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- BOLBOSCHOENUS** (Cyperac.).
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- BOLTONIA** (Compos.).
apalachicolensis L.C. Anderson in *Syst. Bot.*, 12(1): 133 (1987)—U.S.A. (Florida).
- BOMAREA** (Alstroemeriac.).
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caudatisepala R.E. Gereau in *Ann. Missouri Bot. Gard.*, 76(2): 599 (1989)—Panama.
subrecta R.E. Gereau in *Ann. Missouri Bot. Gard.*, 76(2): 599 (1989)—Panama, Costa Rica.
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alatisemina R.W. Johnson in *Austrobaileya*, 2(4): 405 (1987)—Australia (W. Australia, N. Terr.).
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erecta R.W. Johnson in *Austrobaileya*, 2(4): 406 (1987)—Australia (N. Terr., S. Australia, W. Australia).
leonii A.H. Gentry & Austin in *Ann. Missouri Bot. Gard.*, 75(4): 1429 (1988 publ. 1989)—Colombia.
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elegans Fée, *Cat. Méth. Pl. Jard. Bot. Strasb.*: 15 (1836); cf. D.J. Mabberley in *Taxon*, 32(1): 84 (1983)—Locality not stated.
- BONAVERIA** (Legumin.).
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- BONNETIA** (Guttif.).
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tristylá
subsp. nervosa J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(1): 103 (1987); et in *Ann. Missouri Bot. Gard.*, 74(3): 649 (1987)—Venezuela.
- BONTIA** (Myoporac.).
bontioides (A. Gray) L.V. Aver'yanov in L.V. Aver'yanov, N.T. Ban & E.P. Kudryavtseva, *Mater. Fl. Rast. Ostrov. Vietnam*: 73 (1988): Myoporum bontioides.
- BORONIA** (Rutac.).
chartacea P.H. Weston in *Telopea*, 4(1): 123 (1990)—Australia (New South Wales).
umbellata P.H. Weston in *Telopea*, 4(1): 123 (1990)—Australia (New South Wales).
warrumbunglensis P.H. Weston in *Telopea*, 4(1): 125 (1990)—Australia (New South Wales).
- BORRERIA** (Rubiace.).
loretiana E.L. Cabral in *Parodiana*, 4(1): 134 (1986)—Argentina.
quadrifaria E.L. Cabral in *Parodiana*, 4(1): 138 (1986)—Argentina, Paraguay, Brazil.
shandongensis F.Z. Li & X.D. Chen in *Acta Bot. Yunnanica*, 7(4): 419 (1985)—China.
sulcata (N.M. Bacigal.) E.L. Cabral in *Parodiana*, 4(1): 140 (1986): B. verticillata var. sulcata.
- BORYA** (Anthericac.).
jabirabela D.M. Churchill in *Fl. Australia*, 45: 468, 270 (1987)—Australia (N. Terr., W. Australia).
longiscapa D.M. Churchill in *Fl. Australia*, 45: 468, 272 (1987)—Australia (W. Australia).
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celsianus
var. trollii (Kupp.) G.D. Rowley in *Excelsa*, 12: 35 (1986): Cereus trollii.
- BOSCIA** (Capparac.).
keniensis H.J. Beentje in *Kew Bull.*, 44(4): 743 (1989)—Kenya.

BOTHRIOCHLOA (Gramin.).

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subsp. glabra (Roxb.) B.K. Simon in *Austrobaileya*, 3(1): 79 (1989): *Andropogon glaber*.
gracilis W.Z. Fang in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 100 (1986)—China.
nana W.Z. Fang in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 102 (1986)—China.
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punctata (Roxb.) L. Liou in *Fl. Xizangica*, 5: 326 (1987): *Andropogon punctatus*.
spicigera (Bentham) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 491 (1987): *Chrysopogon parviflorus* var. *spicigerus*.
tuberculata W.Z. Fang in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 97 (1986)—China.
yunnanensis W.Z. Fang in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 99 (1986)—China.

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sect. Paludosae C. Jeffrey in *Kew Bull.*, 43(2): 257 (1988).
sect. Volkensiae (O. Hoffm.) C. Jeffrey in *Kew Bull.*, 43(2): 257 (1988): gen. *Volkensia*.
argentea
 var. *ukagurensis* C. Jeffrey in *Kew Bull.*, 43(2): 265 (1988)—Tanzania.
 var. *ungurensis* C. Jeffrey in *Kew Bull.*, 43(2): 265 (1988)—Tanzania.
auriculata (M.R.F. Tayl.) C. Jeffrey in *Kew Bull.*, 43(2): 263 (1988): *Erlangea auriculata*.
bagshawei (S. Moore) C. Jeffrey in *Kew Bull.*, 43(2): 261 (1988): *Erlangea bagshawei*.
emilioides C. Jeffrey in *Kew Bull.*, 43(2): 266 (1988)—Tanzania, Malawi.
ethuloides C. Jeffrey in *Kew Bull.*, 43(2): 266 (1988)—Tanzania.
glabrescens C. Jeffrey in *Kew Bull.*, 43(2): 261 (1988)—Tanzania.
globosa (Robyns) C. Jeffrey in *Kew Bull.*, 43(2): 265 (1988): *Erlangea globosa*.
glomerata (O. Hoffm. & Muschl.) C. Jeffrey in *Kew Bull.*, 43(2): 264 (1988): *Volkensia glomerata*.
imatongensis (M.R.F. Tayl.) C. Jeffrey in *Kew Bull.*, 43(2): 266 (1988): *Erlangea imatongensis*.
inyangana
 var. *amplexicaulis* (Muschl.) C. Jeffrey in *Kew Bull.*, 43(2): 262 (1988): *Erlangea amplexicaulis*.
kundelungensis S. Lisowski in *Bull. Jard. Bot. Nation. Belg.*, 58(3-4): 558 (1988)—Zaire.
kungwensis C. Jeffrey in *Kew Bull.*, 43(2): 262 (1988)—Tanzania.
madagascariensis (DC.) C. Jeffrey in *Kew Bull.*, 43(2): 266 (1988): *Cyanopsis madagascariensis*.
mbalensis (Wild & Pope) C. Jeffrey in *Kew Bull.*, 43(2): 261 (1988): *B. laxa* subsp. *mbalensis*.
nyiruensis C. Jeffrey in *Kew Bull.*, 43(2): 263 (1988)—Kenya.
quercifolia C. Jeffrey in *Kew Bull.*, 43(2): 261 (1988)—Tanzania, Burundi.
ruwenzoriensis (S. Moore) C. Jeffrey in *Kew Bull.*, 43(2): 264 (1988): *Erlangea ruwenzoriensis*.
shagayuensis C. Jeffrey in *Kew Bull.*, 43(2): 261 (1988)—Tanzania.

BOTRYODENDRUM (Araliac.).

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BOURRERIA (Boraginac.).

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memoralis (Gürke) M. Thulin in *Nordic J. Bot.*, 7(4): 415 (1987): *Ehretia memoralis*.
orbicularis (Hutch. & E.A. Bruce) M. Thulin in *Nordic J. Bot.*, 7(4): 415 (1987): *Ehretia orbicularis*.
petiolaris (Lam.) M. Thulin in *Nordic J. Bot.*, 7(4): 414 (1987): *Ehretia petiolaris*.

BOURRERIA :-

- rubra* E.J. Lott & J.S. Miller in *Ann. Missouri Bot. Gard.*, 73(1): 216 (1986)—Mexico.
teitensis (Gürke) M. Thulin in *Nordic J. Bot.*, 7(4): 415 (1987): *Ehretia teitensis*.

BOUTELOUA (Gramin.).

- quiriegoensis* A.A. Beetle in *Phytologia*, 59(4): 287 (1986)—Mexico.

BOUVARDIA (Rubiace.).

- hintoniorum* B.L. Turner in *Brittonia*, 38(2): 111 (1986)—Mexico.

BOWIEA (Hyacinthac.).

- volubilis*
 subsp. *gariensis* (v. Jaarsveld) P.V. Bruyns in *Caryologia*, 40(4): 291 (1987 publ. 1988): *B. gariensis*.

BRACHIARIA (Gramin.).

- decumbens*
 var. *ruziziensis* (Germain & Euvard) P. Ndabaneze in *Lejeunia*, 132: 16 (1989): *B. ruziziensis*.
lata
 subsp. *caboverdiana* H.J. Conert & C. Köhler in *Senckenberg. Biol.*, 67(4-6): 432 (1987)—Cape Verde Is.
paucispicata (Morong) W.D. Clayton in *Kew Bull.*, 42(2): 401 (1987): *Panicum paucispicatum*.

BRACHYNIIDIUM (Orchidac.).

- brachycladum* C.A. Luer & R. Escobar R. in *Orquideologia*, 16(3): 33 (1986)—Colombia.
dalstroemii C.A. Luer in *Lindleyana*, 1(3): 170 (1986)—Ecuador.
elegans C.A. Luer & A.C. Hirtz in *Orchidee*, 37(1): 23 (1986)—Ecuador.
escobarii C.A. Luer in *Lindleyana*, 1(3): 172 (1986)—Colombia.
hirtzii C.A. Luer in *Lindleyana*, 1(3): 174 (1986)—Ecuador.
juliani G. Carnevali F.C. & I. Ramírez in *Ernstia*, 39: 6 (1986)—Venezuela.
neblinense G. Carnevali F.C. & I. Ramírez in *Ernstia*, 39: 9 (1986)—Venezuela.
portillae C.A. Luer in *Lindleyana*, 1(3): 176 (1986)—Ecuador.
rugosum C.A. Luer & Hirtz in *Lindleyana*, 1(3): 178 (1986)—Ecuador.

BRACHYCHITON (Sterculiac.).

- sect. Delabechea* (Mitchell ex Lindley) G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 239 (1988 publ. 1989): gen. *Delabechea*.
sect. Oxysteles G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 222 (1988 publ. 1989).
acuminatus G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 251 (1988 publ. 1989)—Australia (W. Australia).
albidus G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 271 (1988 publ. 1989)—Australia (Queensland).
 × *allochrous* G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 316 (1988 publ. 1989)—Australia (Queensland). (B. grandiflorus × muellerianus).
 × *carneus* G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 315 (1988 publ. 1989)—Australia (Queensland). (B. garawayae × grandiflorus).
chillagoensis G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 296 (1988 publ. 1989)—Australia (Queensland).
collinus G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 249 (1988 publ. 1989)—Australia (Queensland, N. Terr.).
compactus G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 240 (1988 publ. 1989)—Australia (Queensland).
diversifolium R. Brown, *Pterocymbium*: 234 (4 June 1844)—Australia.†
 subsp. *orientalis* G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 231 (1988 publ. 1989)—Australia (Queensland).
 × *excellens* G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 314 (1988 publ. 1989)—Australia. (B. bidwillii × discolor).
fitzgeraldianus G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 282 (1988 publ. 1989)—Australia (W. Australia).
garawayae (Bailey) G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 274 (1988 publ. 1989): *Sterculia garawayae*.

BRACHYCHITON :-

- grandiflorus* G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 263 (1988 publ. 1989)—Australia (Queensland).
 × *hirtellus* G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 317 (1988 publ. 1989)—Australia (N. Terr.). (B. megaphyllus × multicaulis).
incanum R. Brown, *Pterocymbium*: 234 (4 June 1844)—Australia.†
 × *incarnatus* G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 313 (1988 publ. 1989)—Australia (Queensland). (B. discolor × populneus).
megaphyllus G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 291 (1988 publ. 1989)—Australia (N. Terr.).
muellerianus G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 302 (1988 publ. 1989)—Australia (Queensland).
multicaulis G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 305 (1988 publ. 1989)—Australia (N. Terr.).
obtusilobus G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 254 (1988 publ. 1989)—Australia (W. Australia).
platanoides R. Brown, *Pterocymbium*: 234 (4 June 1844)—Australia.†
populneum R. Brown, *Pterocymbium*: 234 (4 June 1844)—Australia.†
 subsp. *trilobus* G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 235 (1988 publ. 1989)—Australia (New South Wales, Queensland).
ramiflorum R. Brown, *Pterocymbium*: 234 (4 June 1844)—Australia.†
 × *roseus* G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 308 (1988 publ. 1989)—Cultivation. (B. acerifolius × populneus).
spectabilis G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 280 (1988 publ. 1989)—Australia (N. Terr.).
tridentatus G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 288 (1988 publ. 1989)—Australia (W. Australia).
tuberculatus (W. Fitzg.) G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 303 (1988 publ. 1989): *Sterculia tuberculata*.
 × *turgidulus* G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 309 (1988 publ. 1989)—Australia (Queensland). (B. populneus × rupestris).
 × *vinicolor* G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 311 (1988 publ. 1989)—Australia (New South Wales, Queensland). (B. acerifolius × discolor).
viridiflorus (W. Fitzg.) G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 290 (1988 publ. 1989): *Sterculia viridiflora*.
viscidulus (W. Fitzg.) G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 277 (1988 publ. 1989): *Sterculia viscidula*.
vitifolius (Bailey) G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 269 (1988 publ. 1989): *Sterculia vitifolia*.
xanthophyllus G.P. Guymer in *Austral. Syst. Bot.*, 1(3): 295 (1988 publ. 1989)—Australia (W. Australia).

BRACHYCOMA (Compos.).

- coangiensis* A.A. Munir in *J. Adelaide Bot. Gard.*, 11(1): 53 (1988)—Australia (S. Australia).
formosa P.S. Short in *Muelleria*, 6(6): 390 (1988), as 'Brachyscome'—Australia (New South Wales).
halophila P.S. Short in *Muelleria*, 6(6): 393 (1988), as 'Brachyscome'—Australia (W. Australia).

BRACHYELYTRUM (Gramin.).

- septentrionale* (Babel) G.C. Tucker in *J. Arnold Arbor.*, 69(3): 253 (1988): *B. erectum* var. *septentrionale*.

BRACHYLOTTIS (Compos.).

- kirkii* (Kirk) C.J. Webb in *New Zealand J. Bot.*, 25(1): 150 (1987): *Senecio kirkii*.
 var. *angustior* (Allan) C.J. Webb in *New Zealand J. Bot.*, 25(1): 150 (1987): *Senecio kirkii* var. *angustior*.
turneri (Cheeseman) C.J. Webb in *New Zealand J. Bot.*, 25(1): 151 (1987): *Senecio turneri*.

BRACHYOTUM (Melastomatac.).

- virescens* (Cogn.) J.J. Wurdack in *Phytologia*, 64(4): 296 (1988): *Tibouchina virescens*.

BRACHYPODIUM (Gramin.).

- gaditanum* S. Talavera in *Lagascalia*, 14(1): 120 (1986)—Spain.
glaucovirens (Murbeck) T. Durand & B.D. Jackson in *Index Kewensis*, Suppl. 1(1): 62 (1886-1895 publ. 1902): *B. sylvaticum* subsp. *glaucovirens*.

BRACHYPODIUM :-

- miserum
 subsp. kurilense (Probat.) V.N. Voroshilov in Byull. Mosk. Obsch. Ispyt. Prir., Biol., 95(2): 91 (1990): B. sylvaticum subsp. kurilense.
- phoenicoides
 var. gracile (St.-Yves) A.R. Pinto da Silva & C.M.A. Rodrigues in Bol. Soc. Brot., 60: 157 (1987): B. phoenicoides subvar. gracile.
- platystachyum Huber, Cat. Graines 1868: 8 (1868); cf. D.J. Mabberley in Taxon, 34(3): 450 (1985)—Locality not stated.
- pubescens (Petern.) S.G. Musaev in Bot. Zhurn., 72(1): 94 (1987): B. gracile β. pubescens.
- ramosum (L.) Beauvois, Ess. Agrostogr.: 163 (1812): Bromus ramosus.

BRACHYRAMPHUS (Compos.).

- obtusus A.P. de Candolle, Prodromus, 7: 177 (1838)—India.†

BRACHYSTELE (Orchidac.).

- chiangii (Johnston) P. Burns-Balogh in Orquidea (México), 10(1): 92 (1986): Spiranthes chiangii.
- minutiflora (A. Rich. & Gal.) P. Burns-Balogh in Orquidea (México), 10(1): 92 (1986): Spiranthes minutiflora.
- sarcoglossa (A. Rich. & Gal.) P. Burns-Balogh in Orquidea (México), 10(1): 92 (1986): Spiranthes sarcoglossa.
- tenuissima (L.O. Wms.) P. Burns-Balogh in Orquidea (México), 10(1): 92 (1986): Spiranthes tenuissima.

BRACHYSTELMA (Asclepiadac.).

- ciliatum G.D. Arekal & T.M. Ramakrishna in Curr. Sci., 50(3): 145 (1981)—India.
- dyeri K. Balkwill, M.-J. Balkwill & Cadman in S. Afr. J. Bot., 54(1): 61 (1988)—South Africa (Transvaal).
- inconspicuum S. Venter in Excelsa, 13: 106 (1988)—South Africa (Transvaal).
- kituloense D.J. Goyder in Kew Bull., 45(4): 729 (1990), as 'kituloensis'—Tanzania.
- praelongum
 subsp. thunbergii (N.E. Br.) C. Boele in Asklepios, 47: 3 (1989): B. thunbergii.
- simplex
 subsp. banforae J.P. Lebrun & A.L. Stork in Bull. Mus. Nation. Hist. Nat., B, Adansonia, Ser. 4, 11(1): 71 (1989)—Nigeria, Ivory Coast, Upper Volta.

BRACHYTHRIX (Compos.).

- glomerata (Mattf.) C. Jeffrey in Kew Bull., 43(2): 270 (1988): Ageratinastrum glomeratum.
- malawiensis (Wild & Pope) G.V. Pope in Kew Bull., 45(4): 698 (1990): B. brevipapposa subsp. malawiensis.

BRACHYTOME (Rubiac.).

- hainanensis C.Y. Wu ex W.C. Chen in Guihaia, 7(4): 298 (1987)—Hainan, Vietnam.
- pitardii D.D. Tirvengadam in Bull. Mus. Nation. Hist. Nat., B, Adansonia, Ser. 4, 8(3): 294 (1986)—Vietnam.
- russellii D.B. Deb & M. Gangopadhyay in Candollea, 42(1): 353 (1987)—Burma.
- wardii D.B. Deb & M. Gangopadhyay in Candollea, 42(1): 356 (1987)—Burma.

BRANDELLA R.R. Mill in Notes Roy. Bot. Gard. Edinburgh, 43(3): 478 (1986). **BORAGINACEAE.**

- erythraea (Brand) R.R. Mill in Notes Roy. Bot. Gard. Edinburgh, 43(3): 478 (1986): Adelocaryum erythraeum.

BRASILIOPUNTIA (Cactac.).

- subacarpa C.T. Rizzini & A. de Mattos-Filho in Rev. Brasil. Biol., 46(2): 324 (1986)—Brazil.

BRASSAIOPSIS (Araliac.).

- polyacantha
 var. andamanica (King) H.B. Naithani & S. Biswas in H.B. Naithani, Flow. Pl. India, Nepal & Bhutan: 192 (1990): B. palmata var. andamanica.

BRASSICA (Crucif.).

- cretica
 subsp. aegaea (Heldr. & Hal.) S. Snogerup, M. Gustafsson & R. von Bothmer in Willdenowia, 19(2): 291 (1990): B. cretica var. aegaea.
- erucoides Hornem., Hort. Hafn.: 621 (1815); cf. D.J. Mabberley in Taxon, 33(3): 436 (1984)—Locality not stated.
- melanosinapis Endl., Cat. Horti Vindob., 2: 259 (1842); cf. D.J. Mabberley in Taxon, 33(3): 434 (1984)—Locality not stated.
- mesopotamica (Spreng.) Bernh., Sel. Sem. Hort. Erfurt., 1835; Linnaea 11, Lit.: 85 (1837); cf. D.J. Mabberley in Taxon, 32(1): 84 (1983): Basionym not stated.
- napus
 subsp. napobrassica (L.) P. Hanelt in Feddes Repert., 98(11–12): 554 (1987): B. oleracea var. napobrassica.
- oleracea
 var. kashmiriana A.R. Naqshi & G.N. Javeid in J. Econ. Taxon. Bot., 9(1): 91 (1987)—Cultivation.
- praecox Kit. ex Hornem., Hort. Hafn.: 621 (1815); cf. D.J. Mabberley in Taxon, 33(3): 436 (1984)—Locality not stated.
- rapa
 var. cephalata (Tsen & Lee) P. Hanelt in Feddes Repert., 98(11–12): 553 (1987): B. pekinensis var. cephalata.
- subsp. chinensis (L.) P. Hanelt in R. Mansfeld, Verz. Landwirtschaft. u. Gartn. Kulturpfl., Auf. 2, ed. J. Schultze-Motel, 1: 304 (1986): Brassica chinensis.
- var. communis (Tsen & Lee) P. Hanelt in Feddes Repert., 98(11–12): 554 (1987): B. chinensis var. communis.
- var. cylindrica (Tsen & Lee) P. Hanelt in Feddes Repert., 98(11–12): 553 (1987): B. pekinensis var. cylindrica.
- subsp. dichotoma (Roxb.) P. Hanelt in R. Mansfeld, Verz. Landwirtschaft. u. Gartn. Kulturpfl., Auf. 2, ed. J. Schultze-Motel, 1: 302 (1986): Sinapis dichotoma.
- var. laxa (Tsen & Lee) P. Hanelt in Feddes Repert., 98(11–12): 553 (1987): B. pekinensis var. laxa.
- subsp. narinosa (Bailey) P. Hanelt in R. Mansfeld, Verz. Landwirtschaft. u. Gartn. Kulturpfl., Auf. 2, ed. J. Schultze-Motel, 1: 305 (1986): Brassica narinosa.
- subsp. nipposinica (Bailey) P. Hanelt in R. Mansfeld, Verz. Landwirtschaft. u. Gartn. Kulturpfl., Auf. 2, ed. J. Schultze-Motel, 1: 305 (1986): Brassica nipposinica.
- var. parachinensis (Bailey) P. Hanelt in Feddes Repert., 98(11–12): 554 (1987): B. parachinensis.
- subsp. pekinensis (Lour.) P. Hanelt in R. Mansfeld, Verz. Landwirtschaft. u. Gartn. Kulturpfl., Auf. 2, ed. J. Schultze-Motel, 1: 304 (1986): Sinapis pekinensis.
- var. rosularis (Tsen & Lee) P. Hanelt in Feddes Repert., 98(11–12): 554 (1987): B. chinensis var. rosularis.
- var. sarson (Prain) B.N. Mehrotra & B.S. Aswal in J. Econ. Taxon. Bot., 6(3): 587 (1985), without basionym ref.: B. campestris var. sarson.
- subsp. trilocularis (Roxb.) P. Hanelt in R. Mansfeld, Verz. Landwirtschaft. u. Gartn. Kulturpfl., Auf. 2, ed. J. Schultze-Motel, 1: 302 (1986): Sinapis trilocularis.
- repanda
 subsp. dertosensis J. Molero & A.M. Rovira in Collect. Bot., 17(1): 99 (1987 publ. 1988)—Spain.
- var. montsicciana A.M. Romo i Diez, Fl. Veg. Montsec (Pre-Pirineus Catalans): 122 (1989)—Spain.
- var. tripontina (Font Quer) A.M. Romo i Diez, Fl. Veg. Montsec (Pre-Pirineus Catalans): 120 (1989): B. saxatilis var. tripontina.
- rupestris
 subsp. villosa (Biv.) Snog. ex P. Hanelt in R. Mansfeld, Verz. Landwirtschaft. u. Gartn. Kulturpfl., Auf. 2, ed. J. Schultze-Motel, 1: 292 (1986): Brassica rupestris.

BRASSICELLA (Crucif.).

- setigera (J. Gay ex Lange) Font Quer & Rothmaler, Sched. Fl. Iber. Select., Cent. II-III, n. 129 (1935); cf. C. Navarro, M. Gutiérrez-Bustillo & A.G. Bueno in Fontqueria, 7: 11 (1985): Sinapis setigera.

- ×**BRASSIODA** hort. in Orchid Rev., 97(1149): centre page pull-out p. 8 (1989). **ORCHIDACEAE.** (Brassia × Cochlioda).

×BRASSOCATTLEYA (Orchidac.).

- miranda L.C. Menezes in Brasil Florest., 15(66): 17 (1988), without type; et in Orchid Dig., 53(4): 153 (1989), without type—Brazil. (Brassavola tuberculata × Cattleya warneri).

BRAVAISIA (Acanthac.).

- berlandieriana (Nees) T.F. Daniel in Proc. Calif. Acad. Sci., Ser. 4, 45(8): 126 (1988): Onychacanthus berlandierianus.

BRAYA (Crucif.).

- forrestii
 var. puberula W.T. Wang in Acta Bot. Yunnanica, 9(1): 19 (1987)—China.

BRAYOPSIS (Crucif.).

- alpaminae
 subsp. smithii I.A. Al-Shehbaz in Nordic J. Bot., 8(6): 623 (1989)—Peru.
- colombiana I.A. Al-Shehbaz in J. Arnold Arbor., 71(1): 97 (1990)—Colombia.
- subsp. ecuadoriana I.A. Al-Shehbaz in J. Arnold Arbor., 71(1): 97 (1990)—Ecuador.

BREDIA (Melastomatac.).

- amoena
 var. glandulata B.Y. Ding in Guihaia, 8(4): 318 (1988)—China.

BREWCARIA L.B. Smith, J. Steyermark & Robinson in Acta Bot. Venezuel., 14(3): 10 (1984). **BROMELIACEAE.**

- duidenis L.B. Smith, J. Steyermark & Robinson in Acta Bot. Venezuel., 14(3): 10 (1984)—Venezuela.
- marahuaca L.B. Smith, J.A. Steyermark & H. Robinson in Ann. Missouri Bot. Gard., 73(4): 714 (1986 publ. 1987)—Venezuela.

BRICKELLIA (Compos.).

- coulteri
 var. adenopoda (B.L. Robins.) B.L. Turner in Phytologia, 68(3): 236 (1990): B. brachiata var. adenopoda.
- var. brachiata (A. Gray) B.L. Turner in Phytologia, 68(3): 237 (1990): B. brachiata.
- eupatorioides
 var. chlorolepis (Woot. & Standl.) B.L. Turner in Phytologia, 67(2): 129 (1989): Kuhnia chlorolepis.
- var. floridana (R.W. Long) B.L. Turner in Phytologia, 67(2): 130 (1989): Kuhnia eupatorioides var. floridana.
- var. gracillima (A. Gray) B.L. Turner in Phytologia, 67(2): 130 (1989): Kuhnia eupatorioides var. gracillima.
- lemmonii
 var. carmenensis B.L. Turner in Phytologia, 68(3): 161 (1990)—Mexico.
- var. conduplicata (B.L. Robins.) B.L. Turner in Phytologia, 68(3): 163 (1990): B. conduplicata.
- var. nelsonii (B.L. Robins.) B.L. Turner in Phytologia, 68(3): 163 (1990): B. nelsonii.
- microphylla
 var. watsonii (Robins.) S.L. Welsh in Great Basin Nat., 43(2): 230 (1983): B. watsonii.
- oligadenia (B.L. Robins.) B.L. Turner in Phytologia, 69(1): 14 (1990): B. squarrosa var. oligadenia.
- secundiflora
 var. parryi (A. Gray) B.L. Turner in Phytologia, 67(4): 310 (1989): B. parryi.
- wendtii B.L. Turner in Phytologia, 68(2): 90 (1990)—Mexico.
- worthingtonii B.L. Turner in Phytologia, 68(2): 92 (1990)—Mexico.

BRIDELIA (Euphorbiac.).

- chineensis N.N. Thin in J. Biol. (Vietnam), 9(2): 37 (1987)—Vietnam.
- nayarii P. Basu in J. Econ. Taxon. Bot., 7(3): 634 (1985 publ. 1986)—Nicobar Is.

BRIGGSIA (Gesneriac.).

- acutiloba K.Y. Pan in *Acta Phytotax. Sin.*, 26(6): 455 (1988)—China.
 dongxingensis Chun ex K.Y. Pan in *Acta Phytotax. Sin.*, 26(6): 451 (1988)—China.
 humilis K.Y. Pan in *Acta Phytotax. Sin.*, 26(6): 453 (1988)—China.
 latisepala Chun ex K.Y. Pan in *Acta Phytotax. Sin.*, 26(6): 454 (1988)—China.
 longicaulis W.T. Wang & K.Y. Pan in *Acta Phytotax. Sin.*, 26(6): 450 (1988)—China.
 longifolia
 var. multiflora S.Y. Chen ex K.Y. Pan in *Acta Phytotax. Sin.*, 26(6): 453 (1988)—China.
 parvifolia K.Y. Pan in *Acta Phytotax. Sin.*, 26(6): 457 (1988)—China.
 rosthornii
 var. crenulata (Hand.-Mazz.) K.Y. Pan in *Fl. Reipubl. Popul. Sin.*, 69: 223 (1990): B. crenulata.
 var. wenshanensis K.Y. Pan in *Acta Phytotax. Sin.*, 26(6): 456 (1988)—China.
 var. xingrenensis K.Y. Pan in *Acta Phytotax. Sin.*, 26(6): 456 (1988)—China.

BRQUETIA (Malvac.).

- brasiliensis P.A. Fryxell in *Contrib. Univ. Mich. Herb.*, 17: 163 (1990)—Brazil.

BROCCHINIA (Bromeliac.).

- gilmartiniae G.S. Varadarajan in *J. Bromeliad Soc.*, 36(6): 251 (1986), as 'gilmartinii'—Venezuela.
 oliva-estevae J.A. Steyermark & L.B. Smith in *Ann. Missouri Bot. Gard.*, 74(1): 85 (1987)—Venezuela.

BRODRIGUESIA R.S. Cowan in *Brittonia*, 33(1): 9 (1981). **LEGUMINOSAE**.**BROMELIA** (Bromeliac.).

- gurkeniana
 var. franchiana E. Pereira & E.M.C. Leme in *Rev. Brasil. Biol.*, 45(4): 635 (1985 publ. 1986)—Brazil.

BROMOPSIS (Gramin.).

- ser. Ripariae M.V. Klokov in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 28 (1976 publ. 1977).
 alpina (Malysch.) G.A. Peshkova in *Novosti Sist. Vyssh. Rast.*, 23: 26 (1986): Bromus sibiricus f. alpinus.
 altaica G.A. Peshkova in *Novosti Sist. Vyssh. Rast.*, 23: 26 (1986)—U.S.S.R. (Siberia, Middle Asia), Mongolia.
 austrosibirica G.A. Peshkova in *Novosti Sist. Vyssh. Rast.*, 23: 28 (1986)—U.S.S.R. (Siberia).
 calcarea M.V. Klokov in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 41 (1976 publ. 1977)—U.S.S.R. (Crimea).
 cimmerica M.V. Klokov in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 38 (1976 publ. 1977)—U.S.S.R. (Crimea).
 dolichophylla M.V. Klokov in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 33 (1976 publ. 1977)—U.S.S.R. (Caucasus).
 glabrata M.V. Klokov in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 36 (1976 publ. 1977)—U.S.S.R. (Crimea).
 pavlovii (Roshev.) G.A. Peshkova in *Fl. Sibir. (Poaceae)*, 2: 63 (1990): Bromus pavlovii.
 pseudocappadocica M.V. Klokov in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 43 (1976 publ. 1977)—U.S.S.R. (Crimea).
 pumpelliana
 subsp. flexuosa (Drob.) N.S. Probatova in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 1: 144 (1985): Bromus sibiricus var. flexuosus.
 sibirica (Drob.) G.A. Peshkova in *Novosti Sist. Vyssh. Rast.*, 23: 31 (1986), without basionym ref.: Basionym not stated.
 taimyrensis G.A. Peshkova in *Fl. Sibir. (Poaceae)*, 2: 64 (1990)—U.S.S.R. (Siberia).
 taimyrensis (Roshev.) G.A. Peshkova in *Novosti Sist. Vyssh. Rast.*, 23: 31 (1986), comb. nov. but basionym invalid: Bromus sibiricus var. taimyrensis.

BROMUS (Gramin.).

- affinis (Dumort.) B.D. Jackson in *Index Kewensis*, 1: 341 (1753–1885 publ. 1893): B. mollis * (subsp.) affinis.
 barobalianus G. Singh in G. Singh & P. Kachroo, *Forest Fl. Srinagar*: 129 (1987)—India.
 bifidus C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 119 (1784)—Japan.†
 canadensis
 subsp. yezoensis (Ohwi) V.N. Voroshilov in *Byull. Mosk. Obsch. Ispyt. Prir., Biol.*, 95(2): 91 (1990): B. yezoensis.
 catharticus
 var. striatus (Hitchcock) P. Pinto-Escobar in *Caldasia*, 15(71–75): 26 (1986): B. striatus.
 coytaei W. Curtis, *Pract. Obs. Brit. Grasses*, ed. 3: 50 (1798)—Great Britain.
 diandrus
 subsp. rigidus (Roth) O. de Bolos, R.M. Masalles & J. Vigo in *Collect. Bot.*, 17(1): 96 (1987 publ. 1988): B. rigidus.
 gracillimus A. Bunge, *Beitr. Fl. Russl.*: 351 (1852)—U.S.S.R. (Middle Asia).†
 gunckelii O. Matthei in *Gayana, Bot.*, 43(1–4): 62 (1986)—Chile.
 japonicus C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 119 (1784)—Japan.†
 madritensis
 subsp. haussknechtii (Boiss.) H. Scholz in *Willdenowia*, 19(1): 107 (1989): B. haussknechtii.
 richardsonii
 subsp. flexuosus (Drobov) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 493 (1987): B. sibiricus var. flexuosus.
 sericeus
 subsp. fallax H. Scholz in *Willdenowia*, 19(1): 134 (1989)—Sinai Peninsula.
 sinensis
 var. minor L. Liou in *Fl. Xizangica*, 5: 136 (1987)—Xizang.

BRONGNIARTIA (Legumin.).

- argyrophylla R. McVaugh, *Fl. Novo-Galiciana*, 5: 301 (1987)—Mexico.
 cordata R. McVaugh, *Fl. Novo-Galiciana*, 5: 302 (1987)—Mexico.
 guerrerensis J. Jiménez Ramírez & J.L. Contreras Jiménez in *An. Inst. Biol. Univ. Nac. Autón. Méx., Bot.*, 58: 63 (1987 publ. 1989)—Mexico.
 imitator R. McVaugh, *Fl. Novo-Galiciana*, 5: 305 (1987)—Mexico.
 minima R. McVaugh, *Fl. Novo-Galiciana*, 5: 311 (1987)—Mexico.
 mortonii R. McVaugh, *Fl. Novo-Galiciana*, 5: 312 (1987)—Mexico.
 norrisii R. McVaugh, *Fl. Novo-Galiciana*, 5: 315 (1987)—Mexico.
 pacifica R. McVaugh, *Fl. Novo-Galiciana*, 5: 317 (1987)—Mexico.
 sousae O. Dorado in *Aliso*, 11(4): 631 (1987)—Mexico.
 vazquezii O. Dorado in *Syst. Bot.*, 14(1): 20 (1989)—Mexico.

BROTERA (Sterculiac.).

- phoenicea (L.) A.J. Cavanilles in *Anales Hist. Nat.*, 1(1): 34 (1799): Pentapetes phoenicea.

BROWNETERA L.C. Rich. ex Tratt., *Gen. Nov. Pl.*: 19 (1825); cf. D.J. Mabberley in *Taxon*, 31(1): 69 (1982). **PODOCARPACEAE**.

- aspleniifolia (Lab.) Tratt., *Gen. Nov. Pl.*: 20 & t. 14 (1825); cf. D.J. Mabberley in *Taxon*, 31(1): 69 (1982): Basionym not stated.

BRUCEA (Simaroubac.).

- bruceadelpha (Nooteboom) A.J.G.H. Kostermans in *Reimvardia*, 10(5): 471 (1988): Laumoniera bruceadelpha.

BRUGMANSIA (Solanac.).

- amesianum (Schultes) W.G. D'Arcy in *Solanaceae Newsl.*, 2(4): 17 (1986): Methysticodendron amesianum.
 ceratocaula (Ort.) Court ex Gaede, *Ind. Pl. Hort. Bot. Leod.*: 29 (1828); cf. D.J. Mabberley in *Taxon*, 32(1): 84 (1983): Datura ceratocaula.

BRUGMANSIA :-

- knighthii Merkus-Doornik, *Hort. Spaarn-Berg.*: 81 (1849); cf. D.J. Mabberley in *Taxon*, 33(3): 441 (1984)—Locality not stated.

BRUNELLIA (Brunelliac.).

- subsect. Foreroae J. Cuatrecasas in *Fl. Neotrop.*, 2 Suppl.: 80 (1985).
 subsect. Stuebeliae J. Cuatrecasas in *Fl. Neotrop.*, 2 Suppl.: 85 (1985).
 amayensis C.I. Orozco in *Caldasia*, 15(71–75): 177 (1986)—Colombia.
 antioquiensis (Cuatrecasas) J. Cuatrecasas in *Fl. Neotrop.*, 2 Suppl.: 48 (1985): B. sibundoya subsp. antioquiensis.
 boliviana
 var. brittonii (Rusby) J. Cuatrecasas in *Fl. Neotrop.*, 2 Suppl.: 79 (1985): B. brittonii.
 carpishensis J. Cuatrecasas in *Fl. Neotrop.*, 2 Suppl.: 69 (1985), nom. nov., as 'sp. nov.': B. inermis var. petiolulata Cuatr.
 cuatrecasana C.I. Orozco in *Fl. Neotrop.*, 2 Suppl.: 20 (1985)—Colombia.
 cutervensis J. Cuatrecasas in *Fl. Neotrop.*, 2 Suppl.: 64 (1985)—Peru.
 diversifolia C.I. Orozco in *Fl. Neotrop.*, 2 Suppl.: 22 (1985)—Colombia.
 espinalii J. Cuatrecasas in *Fl. Neotrop.*, 2 Suppl.: 95 (1985)—Colombia.
 gentryi J. Cuatrecasas in *Fl. Neotrop.*, 2 Suppl.: 48 (1985)—Colombia.
 hiltyana J. Cuatrecasas in *Fl. Neotrop.*, 2 Suppl.: 55 (1985)—Colombia.
 littlei
 subsp. caucana J. Cuatrecasas in *Fl. Neotrop.*, 2 Suppl.: 74 (1985)—Colombia.
 morii J. Cuatrecasas in *Fl. Neotrop.*, 2 Suppl.: 59 (1985)—Panama.
 neblinensis J.A. Steyermark & Cuatrecasas in *Ann. Missouri Bot. Gard.*, 74(3): 635 (1987)—Venezuela/Brazil border.
 pitayensis J. Cuatrecasas in *Fl. Neotrop.*, 2 Suppl.: 89 (1985)—Colombia.
 propinqua
 subsp. susacensis J. Cuatrecasas in *Fl. Neotrop.*, 2 Suppl.: 72 (1985)—Colombia.

BRUNONIELLA (Acanthac.).

- acaulis
 subsp. ciliata R.M. Barker in *J. Adelaide Bot. Gard.*, 9: 103 (1986)—Australia (Queensland).
 linearifolia R.M. Barker in *J. Adelaide Bot. Gard.*, 9: 106 (1986)—Australia (N. Terr., ?Queensland).

BRYONIA (Cucurbitac.).

- japonica C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 870 (1784)—Japan.†

BRYONOPSIS G.A.W. Arnott in *Madras J. Lit. Sci.*, 12: 49 (1840). **CUCURBITACEAE**.**BRYOPHYLLUM** (Crassulac.).

- fedtschenkoii (Ham. & Perr.) C.Y. Cheng in *Fl. Beijing*, 1: 321 (1984), without basionym ref.: Kalanchoe fedtschenkoii.
 fedtschenkoii (Hamet & Perrier) C.Y. Cheng in *Fl. Hebeiensis*, 1: 570 (1986), isonym; see Lauzac-Marchal in *Compte R. Hebd. Séances Acad. Sci., D (Paris)*, 278(20): 2508 (1974): Kalanchoe fedtschenkoii.

BUBON (Umbellif.).

- buctornense Hort. Gorenk. ex Hornem., *Hort. Hafn.*: 283 (1813); cf. D.J. Mabberley in *Taxon*, 33(3): 436 (1984)—Locality not stated.

BUBONIUM (Compos.).

- daltonii (Webb) T. Halvorsen in *Sommerfeltia*, 3: 80 (1986): Odontospermum daltonii.
 subsp. vogelii (Webb) T. Halvorsen in *Sommerfeltia*, 3: 82 (1986): Odontospermum vogelii.
 graveolens
 subsp. odorum (Schousb.) Wikl. ex T. Halvorsen & L. Borgen in *Sommerfeltia*, 3: 72 (1986): Bupththalmum odorum.
 subsp. stenophyllum (Link) T. Halvorsen in *Sommerfeltia*, 3: 74 (1986): Bupththalmum stenophyllum.

BUBONIUM :-

- intermedium (DC.) T. Halvorsen & Wikl. in *Sommerfeltia*, 3: 66 (1986): Asteriscus sericeus var. intermedium.
 sericeum (L.f.) T. Halvorsen & Wikl. in *Sommerfeltia*, 3: 68 (1986): Bupthalmum sericeum.
 smithii (Webb) T. Halvorsen in *Sommerfeltia*, 3: 77 (1986): Odontospermum smithii.

BUCHENAVIA (Combretac.).

- amazonia A.R.A. Alwan Al-Mayah & C.A. Stace in *Ann. Missouri Bot. Gard.*, 76(4): 1127 (1989)—Colombia, Brazil, Peru, Ecuador.

BUCHENROEDERA (Legumin.).

- sect. Racemosa T.J. Edwards & F.M. Getliffe Norris in *S. Afr. J. Bot.*, 56(3): 275 (1990).

BUCHNERA (Scrophulariac.).

- chimanimaniensis D. Philcox in *Kew Bull.*, 42(1): 208 (1987)—Zimbabwe.
 chisumpae D. Philcox in *Kew Bull.*, 42(2): 384 (1987)—Zambia.
 cryptocephala
 var. mwinilungensis D. Philcox in *Bol. Soc. Brot.*, 60: 269 (1987)—Zambia.
 cbracteolata D. Philcox in *Kew Bull.*, 42(2): 384 (1987)—Zambia.
 geminiflora D. Philcox in *Kew Bull.*, 42(2): 384 (1987)—Malawi.
 jacoborum J.L. Fernández-Alonso in *Caldasia*, 15(71-75): 150 (1986)—Colombia.
 lastii
 subsp. pubiflora D. Philcox in *Bol. Soc. Brot.*, 60: 269 (1987)—Zambia.
 laxiflora D. Philcox in *Kew Bull.*, 42(1): 208 (1987)—Zambia.
 lisowskiana R. Mielcarek in *Bull. Jard. Bot. Nation. Belg.*, 57(3-4): 322 (1987)—Zaire.
 nervosa D. Philcox in *Kew Bull.*, 42(2): 384 (1987)—Zambia.
 subglabra D. Philcox in *Kew Bull.*, 42(1): 208 (1987)—Zimbabwe.
 wildii D. Philcox in *Kew Bull.*, 42(1): 208 (1987)—Zimbabwe.

BUCLIDA (Combretac.).

- correlliana R.L. Wilbur in *Taxon*, 37(2): 467 (1988), nom. nov., ?nom. illegit. = *Bucida spinosa* Jennings: *Terminalia spinosa* Northrop.
 molineti (M. Gómez) A.R.A. Alwan Al-Mayah & C.A. Stace in *Ann. Missouri Bot. Gard.*, 76(4): 1127 (1989): *Terminalia molineti*.

BUCKINGHAMIA (Proteac.).

- ferruginiflora D.B. Foreman & B.P.M. Hyland in *Muelleria*, 6(6): 417 (1988)—Australia (Queensland).

BUCKLANDIA (Hamamelidac.).

- tricuspis (Miq.) W. Theobald in F. Mason, *Burmah*, ed. 3, 2: 482 (1883); cf. D.J. Mabberley in *Taxon*, 34(1): 154 (1985): *Liquidamber tricuspis*.

BUDDLEJA (Buddlejac.).

- crispa
 var. glandulifera (Marq.) S.Y. Bao in *Fl. Xizangica*, 3: 899 (1986): B. tibetica var. glandulifera.
 var. grandiflora (Marq.) S.Y. Bao in *Fl. Xizangica*, 3: 899 (1986): B. tibetica var. grandiflora.
 latiflora S.Y. Bao in *Fl. Yunnanica*, 3: 473 (1983)—China.
 minima S.Y. Bao in *Fl. Xizangica*, 3: 895 (1986)—Xizang.
 sessilifolia B.S. Sun in *Fl. Yunnanica*, 3: 465 (1983)—China.

BUFONIA (Caryophyllac.).

- leptoclada K.H. Rechinger in *Fl. Iran.*, 163: 121 (1988), holotype not indicated—Iraq.
 macropetala
 subsp. willkommiana (Boiss.) F. Amich García in *An. Jard. Bot. Madrid*, 43(2): 467 (1986 publ. 1987): B. willkommiana.
 tenuifolia
 subsp. battandieriana F. Muñoz Garmendia & J. Pedrol in *An. Jard. Bot. Madrid*, 44(2): 599 (1987), nom. nov.: B. macrosperma subsp. parviflora Batt.

BUGLOSSOIDES (Boraginac.).

- arvensis
 subsp. incrassatus (Guss.) M. Kerguelen in *Lejeunia*, 120: 59 (1987): *Lithospermum incrassatum*.
 permixta (Jord.) J. Holub in *Preslia*, 58(4): 301 (1986): *Lithospermum permixtum*.
 splitgerberi (Guss.) S. Brullo in *Colloqu. Phytosciolog.*, 12: 79 (1983); see *Pubbl. Ist. Bot. Univ. Catania* (1985): *Lithospermum splitgerberi*.

BULBINE (Asphodelac.).

- esterhuysenae H. Baijnath in *S. Afr. J. Bot.*, 53(6): 427 (1987)—South Africa (Cape Province).
 glauca (Raf.) E.M. Watson in *Fl. Australia*, 45: 469 (1987): *Nemopogon glaucum*.
 hispida (L.) Hornem., *Hort. Hafn.*: 334 (1813); cf. D.J. Mabberley in *Taxon*, 33(3): 436 (1984): Basionym not stated.
 striata H. Baijnath & E. van Jaarsveld in *S. Afr. J. Bot.*, 53(6): 424 (1987)—South Africa (Cape Province).
 vagans E.M. Watson in *Fl. Australia*, 45: 470, 238 (1987)—Australia (Queensland).

BULBINELLA (Asphodelac.).

- barkeriae P.L. Perry in *S. Afr. J. Bot.*, 53(6): 431 (1987)—South Africa (Cape Province).
 chartacea P.L. Perry in *S. Afr. J. Bot.*, 53(6): 433 (1987)—South Africa (Cape Province).
 divaginata P.L. Perry in *S. Afr. J. Bot.*, 53(6): 433 (1987)—South Africa (Cape Province).
 eburniflora P.L. Perry in *S. Afr. J. Bot.*, 53(6): 436 (1987)—South Africa (Cape Province).
 elata P.L. Perry in *S. Afr. J. Bot.*, 53(6): 437 (1987)—South Africa (Cape Province).
 elegans Schlechter ex P.L. Perry in *S. Afr. J. Bot.*, 53(6): 437 (1987)—South Africa (Cape Province).
 graminifolia P.L. Perry in *S. Afr. J. Bot.*, 53(6): 440 (1987)—South Africa (Cape Province).
 latifolia
 var. doleritica P.L. Perry in *S. Afr. J. Bot.*, 53(6): 441 (1987)—South Africa (Cape Province).
 nana P.L. Perry in *S. Afr. J. Bot.*, 53(6): 441 (1987)—South Africa (Cape Province).
 nutans
 var. turfoscicola P.L. Perry in *S. Afr. J. Bot.*, 53(6): 442 (1987)—South Africa (Cape Province).
 trinervis (Baker) P.L. Perry in *S. Afr. J. Bot.*, 53(6): 443 (1987): *Anthericum triquetrum* var. trinervis.

BULBOCODIUM (Colchicac.).

- caucasicum (Bieb.) Endl., *Cat. Horti Vindob.*, 1: 102 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 434 (1984): Basionym not stated.

BULBOPHYLLUM (Orchidac.).

- acutibracteatum
 var. rubrobrunneopapillosum (De Wild.) J.J. Vermeulen in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 238 (1986): B. rubrobrunneopapillosum.
 ambrosia
 subsp. nepalensis J.J. Wood in *Kew Bull.*, 41(4): 820 (1986)—Nepal.
 amplistigmaticum P.J. Kores in *Allertonia*, 5(1): 150 (1989)—Fiji.
 amygdalinum L.V. Aver'yanov in *Bot. Zhurn.*, 73(7): 1023 (1988)—Vietnam.
 aristopetalum P.J. Kores in *Allertonia*, 5(1): 147 (1989)—Fiji.
 bidenticulatum
 subsp. joyceae J.J. Vermeulen in *Orchid Monogr.*, 2: 90 (1987)—Kenya.
 calyptratium
 var. graminifolium (Summerh.) J.J. Vermeulen in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 235 (1986): B. graminifolium.
 var. lucifugum (Summerh.) J.J. Vermeulen in *Orchid Monogr.*, 2: 131 (1987): B. lucifugum.
 carnosisepalum J.J. Vermeulen in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 236 (1986)—Zaire, Ivory Coast, Cameroun, Uganda.
 cochleatum
 var. bequaertii (De Wild.) J.J. Vermeulen in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 230 (1986): B. bequaertii.

BULBOPHYLLUM :-

- var. brachyanthum (Summerh.) J.J. Vermeulen in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 231 (1986): B. bequaertii var. brachyanthum.
 var. gravidum (Lindley) J.J. Vermeulen in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 230 (1986): B. gravidum.
 var. tenuicaule (Lindley) J.J. Vermeulen in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 230 (1986): B. tenuicaule.
 comatum
 var. inflatum (Rolfe) J.J. Vermeulen in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 232 (1986): B. inflatum.
 debile J. Bosser in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 11(4): 378 (1989 publ. 1990)—Madagascar.
 derchianum S.S. Ying in *J. Jap. Bot.*, 64(5): 148 (1989)—Taiwan.
 dolabriforme J.J. Vermeulen in *Kew Bull.*, 42(1): 263 (1987)—Nigeria.
 falcatum
 var. bufo (Lindley) J.J. Vermeulen in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 235 (1986), without basionym ref.: Basionym not stated.
 var. velutinum (Lindley) J.J. Vermeulen in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 235 (1986), without basionym ref.: Basionym not stated.
 fonsflorum J.J. Vermeulen in *Blumea*, 34(2): 499 (1990)—New Guinea (Papua New Guinea).
 fuscum
 var. melinostachyum (Schlechter) J.J. Vermeulen in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 240 (1986): B. melinostachyum.
 grandimesense B. Gray & D.L. Jones in *Austrobaileya*, 3(1): 141 (1989)—Australia (Queensland).
 hassallii P.J. Kores in *Allertonia*, 5(1): 148 (1989)—Fiji.
 horridulum J.J. Vermeulen in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 238 (1986)—Zaire.
 incommodum P.J. Kores in *Allertonia*, 5(1): 156 (1989)—Fiji.
 injoloense
 subsp. pseudoxypterum (J.J. Vermeulen) J.J. Vermeulen in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 232 (1986): B. injoloense var. pseudoxypterum.
 inornatum J.J. Vermeulen in *Kew Bull.*, 42(1): 266 (1987)—Tanzania.
 josephi
 var. mahonii (Rolfe) J.J. Vermeulen in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 232 (1986): B. mahonii.
 kestron J.J. Vermeulen & A. Lamb in *Malayan Orchid Rev.*, 22: 45 (1988); et in *Gard. Bull. Singapore*, 41(2): 30 (1988 publ. 1989)—Borneo (Sabah).
 kivuense J.J. Vermeulen in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 231 (1986)—Rwanda.
 lecouffei J. Bosser in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 11(1): 30 (1989)—Madagascar.
 leproglossum J.J. Vermeulen & A. Lamb in *Malayan Orchid Rev.*, 22: 46 (1988); et in *Gard. Bull. Singapore*, 41(2): 31 (1988 publ. 1989)—Borneo (Sabah).
 lewisense B. Gray & D.L. Jones in *Austrobaileya*, 3(1): 143 (1989)—Australia (Queensland).
 masonii (Senghas) J.J. Wood in *Kew Bull.*, 41(4): 821 (1986): *Cirrhopetalum masonii*.
 moratii J. Bosser in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 11(1): 29 (1989)—Madagascar.
 morenoi C.H. Dodson & R. Vásquez Ch. in *Icon. Pl. Trop.*, Ser. 2, 4: t. 305 (1989)—Bolivia, Venezuela.
 myon J.J. Vermeulen in *Blumea*, 34(2): 501 (1990)—New Guinea (Papua New Guinea).
 nubinatum J.J. Vermeulen in *Malayan Orchid Rev.*, 22: 46 (1988); et in *Gard. Bull. Singapore*, 41(2): 34 (1988 publ. 1989)—Borneo (Sabah).
 panigrahianum S. Misra in *Nordic J. Bot.*, 6(1): 25 (1986)—India.
 pelicanopsis J.J. Vermeulen & A. Lamb in *Malayan Orchid Rev.*, 22: 47 (1988); et in *Gard. Bull. Singapore*, 41(2): 34 (1988 publ. 1989)—Borneo (Sabah).
 pingtungense S.S. Ying & Chen in S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 1: 499 (1985), as 'pingtungensis'—Taiwan.
 quadricarinum P.J. Kores in *Allertonia*, 5(1): 154 (1989)—Fiji.

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- reptans
var. *acuta* C.L. Malhotra & B. Balodi in *Bull. Bot. Surv. India*, 26(1-2): 110 (1984 publ. 1985)—India.
- resupinatum
var. *filiforme* (Kraenzlin) J.J. Vermeulen in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 235 (1986): B. filiforme.
- saltatorium
var. *albociliatum* (Finet) J.J. Vermeulen in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 230 (1986): B. calamarium var. *albociliatum*.
var. *calamarium* (Lindley) J.J. Vermeulen in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 230 (1986): B. calamarium.
- sandersonii
subsp. *stenopetalum* (Kraenzlin) J.J. Vermeulen in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 234 (1986): B. *stenopetalum*.
- scaberulum
var. *crotalicaudatum* J.J. Vermeulen in *Orchid Monogr.*, 2: 118 (1987)—Tanzania.
var. *fuerstenbergianum* (De Wild.) J.J. Vermeulen in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 234 (1986): *Megaclinium fuerstenbergianum*.
- scabrum J.J. Vermeulen & A. Lamb in *Malayan Orchid Rev.*, 22: 46 (1988); et in *Gard. Bull. Singapore*, 41(2): 37 (1988 publ. 1989)—Borneo (Sabah).
- schinzianum
var. *irigaleae* (Cribb & Perez-Vera) J.J. Vermeulen in *Orchid Monogr.*, 2: 29 (1987): B. *irigaleae*.
var. *phacopogon* (Schlechter) J.J. Vermeulen in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 229 (1986): B. *phacopogon*.
- scopa J.J. Vermeulen in *Blumea*, 34(2): 503 (1990)—New Guinea (Papua New Guinea, W. Irian).
- simmondsii P.J. Kores in *Allertonia*, 5(1): 146 (1989)—Fiji.
- spiesii L.A. Garay, F. Hamer & E.S. Siegerist in *Amer. Orchid Soc. Bull.*, 59(8): 812 (1990)—New Guinea.
- sterile (Lam.) C.R. Suresh in D.H. Nicolson, C.R. Suresh & K.S. Manilal, *Interpret. Van Rheede's Hort. Malab.*: 298 (1988): *Epidendrum sterile*.
- subligaculiferum J.J. Vermeulen in *Orchid Monogr.*, 2: 30 (1987)—Gabon.
- tengchongense Z.H. Tsi in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 29 (1989)—China.
- thymophorum J.J. Vermeulen & A. Lamb in *Malayan Orchid Rev.*, 22: 47 (1988); et in *Gard. Bull. Singapore*, 41(2): 40 (1988 publ. 1989)—Borneo (Sabah).
- unifoliatum
subsp. *flectens* (Cribb & Taylor) J.J. Vermeulen in *Orchid Monogr.*, 2: 156 (1987): B. *flectens*.
subsp. *infracarinatum* (Williamson) J.J. Vermeulen in *Orchid Monogr.*, 2: 155 (1987): B. *infracarinatum*.
- windsorensis B. Gray & D.L. Jones in *Austrobaileya*, 3(1): 143 (1989)—Australia (Queensland).

BULBOSTYLIS (Cyperac.).

- fluviatililis R. Kral & G. Davidse in *Ann. Missouri Bot. Gard.*, 74(2): 437 (1987)—Venezuela, Colombia, Brazil.
- hispidula
subsp. *senegalensis* (Cherm.) C. Vanden Berghen in *Fl. Illustr. Sénégal*, 9: 159 (1988): *Fimbristylis exilis* var. *senegalensis*.
- oritrephe
subsp. *australis* B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 353 (1986)—South Africa (Natal, Transvaal).

BUMELIA (Sapotac.).

- dominicana R.D. Whetstone & T.A. Atkinson in *Sida*, 11(4): 396 (1986), nom. nov.: *Dipholis ferruginea Ekman* & O.C. Schmidt.
- ekmaniana (Urban) J. Bisse & J. Gutiérrez Amaro in *Rev. Jard. Bot. Nacion. Univ. Habana*, 6(1): 22 (1985): *Dipholis ekmaniana*.
- gymnanthifolia J. Bisse & J. Gutiérrez Amaro in *Rev. Jard. Bot. Nacion. Univ. Habana*, 6(1): 21 (1985)—Cuba.
- moaensis J. Bisse & J. Gutiérrez Amaro in *Rev. Jard. Bot. Nacion. Univ. Habana*, 6(1): 20 (1985)—Cuba.

BUMELIA :-

- neglecta* J. Bisse & J. Gutiérrez Amaro in *Rev. Jard. Bot. Nacion. Univ. Habana*, 6(1): 21 (1985)—Cuba.

BUNCHOSIA (Malpighiac.).

- berlinii* W.R. Anderson in *Contrib. Univ. Mich. Herb.*, 16: 61 (1987)—Peru.
- missionum* U. Eskuche in *Folia Bot. Geobot. Correntesiana*, 5: 1 (1990)—Argentina.
- plowmanii* W.R. Anderson in *Contrib. Univ. Mich. Herb.*, 16: 66 (1987)—Peru, Ecuador.
- volcanica* W.R. Anderson in *Contrib. Univ. Mich. Herb.*, 17: 41 (1990)—Costa Rica.

BUNIUM (Umbellif.).

- subsect. *Aliformia* E.V. Klyuikov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(1): 84 (1988).
- subsect. *Buniella* (Schischk.) E.V. Klyuikov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(1): 84 (1988): Basionym not stated.
- subsect. *Coronata* E.V. Klyuikov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(1): 84 (1988).
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- subsect. *Vallata* E.V. Klyuikov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(1): 84 (1988).
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var. *balearicum* (Senn.) O. de Bolòs & J. Vigo, *Fl. Països Catalans*, 2: 408 (1990): B. *balearicum*.
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- contractum* E.P. Korovin in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 3(60): 4 (1975)—U.S.S.R. (Middle Asia).
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- greuteri* S. Snogerup in Davis & Hedge *Festschrift (ed. Kit Tan)*: 23 (1989)—Greece.
- hagkalense* J. Klackenberg in *Kew Bull.*, 43(1): 119 (1988)—Sri Lanka.
- isphairamicum* M.G. Pimenov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 94(2): 80 (1989)—U.S.S.R. (Middle Asia).
- kabulicum* K.H. Rechinger in *Fl. Iran.*, 162: 293 (1987)—Afghanistan.
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subsp. *obovatum* (Link ex Spreng.) O. de Bolòs & J. Vigo, *Fl. Països Catalans*, 2: 440 (1990): B. *obovatum*.
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- rosea* G.J. Keighery in *Fl. Australia*, 45: 471, 410 (1987)—Australia (W. Australia).

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var. *baxikangensis* Y.B. Chang & Z. Wei in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 37 (1989)—China.
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subsp. *marahuacensis* B. Maguire & J. Steyermark in *Acta Bot. Venezuel.*, 14(3): 19 (1984)—Venezuela.

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- intii* J. Gómez-Laurito & L.D. Gómez in *Brenesia*, 25-26: 311 (1986 publ. 1988)—Costa Rica.
- multiplinatisecta* G. Lozano C. & G. Galeano G. in *Caldasia*, 15(71-75): 53 (1986)—Colombia.
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- kydiifolium* Hsu & R. Zhuge in *J. Arnold Arbor.*, 71(3): 378 (1990)—China.

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nabonnandii (Proschowsky) P. Vorster in *Taxon*, 39(4): 662 (1990): × *Butiareastrum nabonnandii*.**BUXUS** (Buxac.).

- sect. *Notobuxus* (Oliv.) I. Friis in *Kew Bull.*, 44(2): 297 (1989); gen. *Notobuxus*.
- acutata* I. Friis in *Kew Bull.*, 44(2): 297 (1989), nom. nov.: *Macropodandra acuminata* Gilg.
- cordata* (Radcliffe-Smith) I. Friis in *Kew Bull.*, 44(2): 297 (1989): *Notobuxus cordata*.
- koreana
f. *elongata* (Nakai) Y.S. Kim & J.H. Kim in *Korean J. Pl. Taxon.*, 18(3): 214 (1988): B. *koreana* var. *elongata*.
- f. *insularis* (Nakai) Y.S. Kim & J.H. Kim in *Korean J. Pl. Taxon.*, 18(3): 214 (1988): B. *microphylla* var. *insularis*.
- microphylla
var. *liukuensis* (Makino) S.S. Ying, *Colour. Illustr. Pl. Taiwan*, Pt. 3; *Colour. Illustr. Ligneous Pl. Taiwan*, 1: 375 (1987), without basionym ref.: Basionym not stated.
- f. *pubescens* S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 3: 114 (1988)—Taiwan.
- sinica
var. *koreana* (Nakai ex Rehd.) Q.L. Wang in *Fl. Liaoningica*, chief ed. S.X. Li, 1: 1113 (1988): B. *microphylla* var. *koreana*.

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karstenii W.R. Anderson in *Contrib. Univ. Mich. Herb.*, 17: 43 (1990)—Venezuela.

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- sect. Canariense I.E. La Serna Ramos, *Rev. Gén. Bystropogon* (Phanerogam. Monogr., 18): 49 (1984).
× beltranae I.E. La Serna Ramos, *Rev. Gén. Bystropogon* (Phanerogam. Monogr., 18): 289 (1984), as 'beltranae'—Canary Is. (B. canariensis var. smithianus × plumosus).
origanifolius
var. canariae I.E. La Serna Ramos, *Rev. Gén. Bystropogon* (Phanerogam. Monogr., 18): 144 (1984)—Canary Is.
var. ferrensis (Ceb. & Ort.) I.E. La Serna Ramos, *Rev. Gén. Bystropogon* (Phanerogam. Monogr., 18): 153 (1984); B. plumosus var. ferrensis.
wildpretii I.E. La Serna Ramos, *Rev. Gén. Bystropogon* (Phanerogam. Monogr., 18): 213 (1984)—Canary Is.

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schunkei C.L. Cristóbal in *Bol. Soc. Argent. Bot.*, 24(1-2): 125 (1985)—Peru.

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- haysnesii J.H. Wiersema in *Ann. Missouri Bot. Gard.*, 76(4): 1167 (1989)—Panama, Salvador, Honduras, Nicaragua, Colombia, Ecuador, Venezuela, Cuba, Jamaica, Puerto Rico.

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subsp. selloi (C.D.C.) H. de Souza Barreiros in *Rev. Brasil. Biol.*, 46(1): 24 (1986); C. selloi.

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CACALIA (Compos.).

- chola (W.W. Smith) R. Mathur in R.R. Rao et al., *Fl. Ind. Enumerat. - Asterac.*: 20 (1988); *Senecio chola levingii* (Clarke) R. Mathur in R.R. Rao et al., *Fl. Ind. Enumerat. - Asterac.*: 20 (1988); *Senecio levingii*.
longispica Z.Y. Zhang & Y.H. Guo in *Fl. Tsinlingensis*, 1(5): 422, 298 (1985)—China.
pinnata Adams ex G.F. Hoffm., *Hort. Mosq.*: 7 (1808); cf. D.J. Mabberley in *Taxon*, 31(1): 69 (1982)—Locality not stated.

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CACHRYS (Umbellif.).

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var. aragonensis (Molero) O. de Bolòs & J. Vigo, *Fl. Països Catalans*, 2: 437 (1990); *Prangos trifida* var. aragonensis.

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kagenickii C.C. Gmel., *Hort. Mag. Duc. Bad. Carlsruh.*: 48 (1811); cf. D.J. Mabberley in *Taxon*, 33(3): 440 (1984)—Locality not stated.
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CAESALPINIA (Legumin.).

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madagascariensis (R. Viguier) S. Senesse in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 10(1): 79 (1988); *Denisophytum madagascariense*.
sepiaria
var. pubescens Tang & Wang ex C.W. Chang in *Fl. Tsinlingensis*, 1(3): 444, 8 (1981)—China.

CAESIA (Anthericac.).

- calliantha R.J.F. Henderson in *Fl. Australia*, 45: 471, 286 (1987)—Australia (S. Australia, New South Wales, Victoria), Tasmania.
parviflora
var. minor R.J.F. Henderson in *Fl. Australia*, 45: 471, 285 (1987)—Australia (S. Australia, New South Wales, Victoria), Tasmania.
var. vittata (R. Br.) R.J.F. Henderson in *Fl. Australia*, 45: 472 (1987); C. vittata.
viscida G.J. Keighery in *Nuytsia*, 7(2): 133 (1990)—Australia (W. Australia).

CAJANUS (Legumin.).

- sect. Fruticosa L.J.G. van der Maesen in *Agric. Univ. Wageningen Pap.*, 85(4): 47 (1985 publ. 1986).
sect. Volubilis L.J.G. van der Maesen in *Agric. Univ. Wageningen Pap.*, 85(4): 47 (1985 publ. 1986).
acutifolius (F. v. Muell.) L.J.G. van der Maesen in *Agric. Univ. Wageningen Pap.*, 85(4): 52 (1985 publ. 1986); *Atylosia acutifolia*.
albicans (W. & A.) L.J.G. van der Maesen in *Agric. Univ. Wageningen Pap.*, 85(4): 55 (1985 publ. 1986); *Cantharospermum albicans*.
aromaticus L.J.G. van der Maesen in *Agric. Univ. Wageningen Pap.*, 85(4): 61 (1985 publ. 1986)—Australia (N. Terr.).
cajanifolius (Haines) L.J.G. van der Maesen in *Agric. Univ. Wageningen Pap.*, 85(4): 91 (1985 publ. 1986); *Atylosia cajanifolia*.
crassicaulis L.J.G. van der Maesen in *Agric. Univ. Wageningen Pap.*, 85(4): 103 (1985 publ. 1986)—Australia (N. Terr., W. Australia).
crassus (Prain ex King) L.J.G. van der Maesen in *Agric. Univ. Wageningen Pap.*, 85(4): 105, 110 (1985 publ. 1986); *Atylosia crassa*.
var. burmanicus (Collett & Hemsley) L.J.G. van der Maesen in *Agric. Univ. Wageningen Pap.*, 85(4): 109 (1985 publ. 1986); *Atylosia burmanica*.
elongatus (Benth.) L.J.G. van der Maesen in *Agric. Univ. Wageningen Pap.*, 85(4): 115 (1985 publ. 1986); *Atylosia elongata*.
grandiflorus (Benth. ex Bak.) L.J.G. van der Maesen in *Agric. Univ. Wageningen Pap.*, 85(4): 125 (1985 publ. 1986); *Atylosia grandiflora*.
heynei (W. & A.) L.J.G. van der Maesen in *Agric. Univ. Wageningen Pap.*, 85(4): 129 (1985 publ. 1986); *Dunbaria heynei*.
lanceolatus (W.V. Fitzg.) L.J.G. van der Maesen in *Agric. Univ. Wageningen Pap.*, 85(4): 135 (1985 publ. 1986); *Atylosia lanceolata*.
lanuginosus L.J.G. van der Maesen in *Agric. Univ. Wageningen Pap.*, 85(4): 137 (1985 publ. 1986)—Australia (Queensland).
latisepalus (Reynolds & Pedley) L.J.G. van der Maesen in *Agric. Univ. Wageningen Pap.*, 85(4): 139 (1985 publ. 1986); *Atylosia latisepala*.
lineatus (W. & A.) L.J.G. van der Maesen in *Agric. Univ. Wageningen Pap.*, 85(4): 143 (1985 publ. 1986); *Atylosia lineata*.
mareebensis (Reynolds & Pedley) L.J.G. van der Maesen in *Agric. Univ. Wageningen Pap.*, 85(4): 149 (1985 publ. 1986); *Atylosia mareebensis*.
mollis (Benth.) L.J.G. van der Maesen in *Agric. Univ. Wageningen Pap.*, 85(4): 154 (1985 publ. 1986); *Atylosia mollis*.

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- niveus (Benth.) L.J.G. van der Maesen in *Agric. Univ. Wageningen Pap.*, 85(4): 157 (1985 publ. 1986); *Atylosia nivea*.
platycarpus (Benth.) L.J.G. van der Maesen in *Agric. Univ. Wageningen Pap.*, 85(4): 160 (1985 publ. 1986); *Atylosia platycarpa*.
pubescens (Ewart & Morrison) L.J.G. van der Maesen in *Agric. Univ. Wageningen Pap.*, 85(4): 164 (1985 publ. 1986); *Tephrosia pubescens*.
reticulatus
var. grandifolius (F. v. Muell.) L.J.G. van der Maesen in *Agric. Univ. Wageningen Pap.*, 85(4): 171 (1985 publ. 1986); C. grandifolius.
var. maritimus (Reynolds & Pedley) L.J.G. van der Maesen in *Agric. Univ. Wageningen Pap.*, 85(4): 175 (1985 publ. 1986); *Atylosia reticulata* subsp. maritima.
rugosus (W. & A.) L.J.G. van der Maesen in *Agric. Univ. Wageningen Pap.*, 85(4): 179 (1985 publ. 1986); *Atylosia rugosa*.
scarabaeoides
var. pedunculatus (Reynolds & Pedley) L.J.G. van der Maesen in *Agric. Univ. Wageningen Pap.*, 85(4): 188 (1985 publ. 1986); *Atylosia scarabaeoides* var. pedunculata. N1
sericeus (Benth. ex Bak.) L.J.G. van der Maesen in *Agric. Univ. Wageningen Pap.*, 85(4): 195 (1985 publ. 1986); *Atylosia sericea*.
trinervius (DC.) L.J.G. van der Maesen in *Agric. Univ. Wageningen Pap.*, 85(4): 199 (1985 publ. 1986); *Collaea trinervia*.
villosus (Benth. ex Baker) L.J.G. van der Maesen in *Agric. Univ. Wageningen Pap.*, 85(4): 205 (1985 publ. 1986); *Atylosia villosa*.
viscidus L.J.G. van der Maesen in *Agric. Univ. Wageningen Pap.*, 85(4): 207 (1985 publ. 1986)—Australia (W. Australia).

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subsp. integrifolia (Hornem.) Hyl. ex W. Greuter & H.M. Burdet in W. Greuter, H.M. Burdet & G. Long (eds.), *Med-checklist*, 3: 74 (1986); C. maritima var. integrifolia.

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- atroclavia D.L. Jones & M.A. Clements in *Austrobaileya*, 2(5): 552 (1988)—Australia (Queensland).
brachyscapa G.W. Carr in *Muelleria*, 6(6): 439 (1988)—Australia (Victoria).
caesarea (Domin) M.A. Clements & Hopper in *Austral. Orchid Res.*, 1: 21 (1989); C. filamentosa var. caesarea.
calciola G.W. Carr in *Muelleria*, 6(3-4): 185 (1986)—Australia (Victoria).
concinna (Rupp) D. Jones & M.A. Clements in *Austral. Orchid Res.*, 1: 22 (1989); C. dilatata var. concinna.
eminens (Domin) M.A. Clements & D. Jones in *Austral. Orchid Res.*, 1: 24 (1989); C. longicauda var. eminens.
falcata (Nicholls) M.A. Clements & Hopper in *Austral. Orchid Res.*, 1: 24 (1989); C. dilatata var. falcata.
fragrantissima D. Jones & G.W. Carr in *Austral. Orchid Res.*, 1: 24 (1989), nom. nov.; C. patersonii var. suaveolens Nicholls.
fuscata (H.G. Reichb.) M.A. Clements & D. Jones in *Austral. Orchid Res.*, 1: 25 (1989); C. carnea var. fuscata.
lindleyana (H.G. Reichb.) M.A. Clements & D. Jones in *Austral. Orchid Res.*, 1: 27 (1989); C. patersonii var. lindleyana.
magnifica (Nicholls) D. Jones & G.W. Carr in *Austral. Orchid Res.*, 1: 27 (1989); C. patersonii var. magnifica.
picta (Nicholls) M.A. Clements & D. Jones in *Austral. Orchid Res.*, 1: 29 (1989), without exact basionym page; C. alba var. picta.
rhomboidiformis (E. Coleman) M.A. Clements & Hopper in *Austral. Orchid Res.*, 1: 30 (1989); C. dilatata var. rhomboidiformis.
rosella G.W. Carr in *Muelleria*, 6(6): 442 (1988)—Australia (Victoria, New South Wales).
valida (Nicholls) M.A. Clements & D. Jones in *Austral. Orchid Res.*, 1: 31 (1989); C. reticulata var. valida.

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- aturense G.S. Bunting in *Phytologia*, 60(5): 298 (1986)—Venezuela.
 lindenii
 var. sylvestre M.H. Grayum in *Ann. Missouri Bot. Gard.*, 73(2): 463 (1986)—Panama, Colombia.
 paradoxum J. Bogner & S.J. Mayo in *Willdenowia*, 18(1): 240 (1988)—Colombia.
 steyermarkii G.S. Bunting in *Phytologia*, 60(5): 300 (1986)—Venezuela.

CALAMAGROSTIS (Gramin.).

- subject. *Stylagrostis* (Mez) F.D. Escalona in *Phytologia*, 65(5): 338 (1988): gen. *Stylagrostis*.
 arundinacea
 subsp. adpressi-ramea (Ohwi) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 494 (1987): C. adpressi-ramea.
 subsp. heterogluma (Nakai) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 494 (1987): C. longiseta var. heterogluma.
 subsp. hymenoglossa (Ohwi) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 494 (1987): C. hymenoglossa.
 var. laxiflora (Rendle) P.C. Kuo & S.L. Lu ex J.L. Yang in *Fl. Sichuanica*, 5(2): 101 (1988): *Deyeuxia sylvatica* var. laxiflora.
 var. ligulata (Rendle) P.C. Kuo & S.L. Lu ex J.L. Yang in *Fl. Sichuanica*, 5(2): 101 (1988), isonym; see M. Kitagawa, *Neo-Lineam. Fl. Manshur.*: 73 (1979): *Deyeuxia sylvatica* var. ligulata.
 autumnalis
 subsp. microtis (Ohwi) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 495 (1987): C. autumnalis var. microtis.
 cleefii F.D. Escalona in *Phytologia*, 65(5): 339 (1988)—Colombia.
 czerepanovii Sh.A. Guseinov in *Bot. Zhurn.*, 73(12): 1743 (1988)—U.S.S.R. (Caucasus).
 diffusa (Keng) P.C. Kuo & S.L. Lu ex J.L. Yang in *Fl. Sichuanica*, 5(2): 108 (1988), isonym; see P.C. Kuo in *Bull. Bot. Res. North-East. Forest. Inst.*, 4(3): 195 (1984): *Deyeuxia diffusa*.
 dubia A. Bunge, *Beir. Fl. Russl.*: 348 (1852)—U.S.S.R. (Middle Asia).
 effusiflora (Rendle) P.C. Kuo & S.L. Lu ex J.L. Yang in *Fl. Sichuanica*, 5(2): 88 (1988): *Deyeuxia effusiflora*.
 filipes (Keng) P.C. Kuo & S.L. Lu ex J.L. Yang in *Fl. Sichuanica*, 5(2): 92 (1988): *Deyeuxia filipes*.
 guamanensis F.D. Escalona in *Phytologia*, 65(5): 340 (1988)—Ecuador.
 henryi (Rendle) P.C. Kuo & S.L. Lu ex J.L. Yang in *Fl. Sichuanica*, 5(2): 90 (1988): *Deyeuxia henryi*.
 hupehensis (Rendle) P.C. Kuo & S.L. Lu ex J.L. Yang in *Fl. Sichuanica*, 5(2): 95 (1988), isonym; see Tsoong in *Contrib. Inst. Bot. Nat. Acad. Peiping*, 4: 151 (1936): *Deyeuxia hupehensis*.
 levipes (Keng) P.C. Kuo & S.L. Lu ex J.L. Yang in *Fl. Sichuanica*, 5(2): 95 (1988): *Deyeuxia levipes*.
 longiseta
 subsp. longearistata (Takeda) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 496 (1987): C. grandiseta var. longearistata.
 minarovii Sh.A. Guseinov in *Bot. Zhurn.*, 73(12): 1741 (1988)—U.S.S.R. (Caucasus).
 nagensis (Bor) B.P. Uniyal in *J. Econ. Taxon. Bot.*, 8(1): 235 (1986): *Agrostis nagensis*.
 neglecta
 subsp. aculeolata (Hackel) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 496 (1987): C. stricta var. aculeolata.
 niitakayamensis
 subsp. masamunei (Honda) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 496 (1987): C. masamunei.
 purpurea
 subsp. angustifolia (Kom.) V.N. Voroshilov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 95(2): 91 (1990): C. angustifolia.
 ramonae F.D. Escalona in *Phytologia*, 65(5): 342 (1988)—Venezuela.
 sikangensis (Keng) P.C. Kuo & S.L. Lu ex J.L. Yang in *Fl. Sichuanica*, 5(2): 97 (1988): *Deyeuxia sikangensis*.

CALAMAGROSTIS :-

- sinclator (Keng) P.C. Kuo & S.L. Lu ex J.L. Yang in *Fl. Sichuanica*, 5(2): 90 (1988): *Deyeuxia sinclator*.
 tzvelevii Sh.A. Guseinov in *Bot. Zhurn.*, 73(12): 1742 (1988)—U.S.S.R. (Caucasus).

CALAMINTHA (Labiata).

- caroli-henricana Kit Tan & F. Sorger in *Pl. Syst. Evol.*, 155(1-4): 100 (1987)—Turkey.
 rouyana (Briq.) J.J. Pericás & J.A. Rosselló in *Candollea*, 42(1): 397 (1987): *Satureja rouyana*.

- ×**CALAMMOPHILA** A. Brand in Koch, *Syn. Deutsch. Schweiz. Fl.*, ed. 3, 3: 2715 (1907). **GRAMINEAE**. (*Ammophila* × *Calamagrostis*).
 baltica (Flügge ex Schrader) A. Brand in Koch, *Syn. Deutsch. Schweiz. Fl.*, ed. 3, 3: 2715 (1907): *Arundo baltica*.

CALAMUS (Palmae).

- sect. *Aulacospermus* C.F. Wei in *Guihaia*, 6(1-2): 34 (1986).
 sect. *Brevicirrus* C.F. Wei in *Guihaia*, 6(1-2): 35 (1986), without type.
 sect. *Heterostachyus* C.F. Wei in *Guihaia*, 6(1-2): 32 (1986).
 subgen. *Protocalamus* C.F. Wei in *Guihaia*, 6(1-2): 23 (1986).
 subgen. *Rhachicirrus* C.F. Wei in *Guihaia*, 6(1-2): 35 (1986).
 acanthochlamys J. Dransfield in *Kew Bull.*, 45(1): 85 (1990)—Borneo (Sarawak).
 aidaes E.S. Fernando in *Gard. Bull. Singapore*, 41(2): 49 (1988 publ. 1989)—Philippine Is.
 austroguangxiensis S.J. Pei & S.Y. Chen in *Acta Phytotax. Sin.*, 27(2): 144 (1989), as 'austro-guangxiensis'—China.
 balansaeanus
 var. castaneolepis (Wei) S.J. Pei & S.Y. Chen in *Acta Phytotax. Sin.*, 27(2): 134 (1989): C. henryanus var. castaneolepis.
 balerensis E.S. Fernando in *Gard. Bull. Singapore*, 41(2): 51 (1988 publ. 1989)—Philippine Is.
 comptus J. Dransfield in *Kew Bull.*, 45(1): 98 (1990)—Borneo (Sabah, Sarawak).
 crassifolius J. Dransfield in *Kew Bull.*, 45(1): 94 (1990)—Borneo (Sarawak).
 dianbaiensis C.F. Wei in *Guihaia*, 6(1-2): 24 (1986)—China.
 distichus
 var. shangxiensis S.J. Pei & S.Y. Chen in *Acta Phytotax. Sin.*, 27(2): 140 (1989)—China.
 divaricatus
 var. contrarius J. Dransfield in *Kew Bull.*, 45(1): 89 (1990)—Borneo (Sarawak).
 dransfieldii C. Renuka in *Kew Bull.*, 42(2): 433 (1987)—India.
 faberi
 var. brevispicatus (Wei) S.J. Pei & S.Y. Chen in *Acta Phytotax. Sin.*, 27(2): 133 (1989): C. tonkinensis var. brevispicatus.
 feanus
 var. medogensis S.J. Pei & S.Y. Chen in *Acta Phytotax. Sin.*, 27(2): 137 (1989)—Xizang.
 flagellum
 var. furvifuraceus S.J. Pei & S.Y. Chen in *Acta Phytotax. Sin.*, 27(2): 133 (1989)—China.
 giganteus
 var. robustus S.J. Pei & S.Y. Chen in *Acta Phytotax. Sin.*, 27(2): 143 (1989)—China.
 guangxiensis C.F. Wei in *Guihaia*, 6(1-2): 28 (1986)—China.
 henryanus
 var. castaneolepis C.F. Wei in *Guihaia*, 6(1-2): 32 (1986)—China.
 karinensis (Becc.) S.J. Pei & S.Y. Chen in *Acta Phytotax. Sin.*, 27(2): 133 (1989): C. flagellum var. karinensis.
 lambirensis J. Dransfield in *Kew Bull.*, 45(1): 89 (1990)—Borneo (Sarawak, Brunei).
 maximus Reinw. ex De Vriese, *Hort. Spaarn-Berg.*: 35 (1839); cf. D.J. Mabberley in *Taxon*, 33(3): 441 (1984)—Locality not stated.
 nambariensis
 var. alpinus S.J. Pei & S.Y. Chen in *Acta Phytotax. Sin.*, 27(2): 141 (1989)—China.

CALAMUS :

- var. furfuraceus S.J. Pei & S.Y. Chen in *Acta Phytotax. Sin.*, 27(2): 142 (1989)—China.
 var. menglongensis S.J. Pei & S.Y. Chen in *Acta Phytotax. Sin.*, 27(2): 141 (1989)—China.
 var. xishuangbannaensis S.J. Pei & S.Y. Chen in *Acta Phytotax. Sin.*, 27(2): 141 (1989)—China.
 var. yingjiangensis S.J. Pei & S.Y. Chen in *Acta Phytotax. Sin.*, 27(2): 140 (1989)—China.
 nanodendron J. Dransfield in *Kew Bull.*, 45(1): 90 (1990)—Borneo (Sarawak).
 obovoideus S.J. Pei & S.Y. Chen in *Acta Phytotax. Sin.*, 27(2): 142 (1989)—China.
 orientalis C.E. Chang in *Quart. J. Chinese Forest.*, 21(1): 108 (1988)—Taiwan.
 ornatus
 var. pulverulentus E.S. Fernando in *Gard. Bull. Singapore*, 41(2): 53 (1988 publ. 1989)—Philippine Is.
 palustris
 var. longistachys S.J. Pei & S.Y. Chen in *Acta Phytotax. Sin.*, 27(2): 138 (1989)—China.
 paulii J. Dransfield in *Kew Bull.*, 45(1): 81 (1990)—Borneo (Sarawak).
 platyacanthus
 var. mediostachys S.J. Pei & S.Y. Chen in *Acta Phytotax. Sin.*, 27(2): 143 (1989)—China.
 psilocladus J. Dransfield in *Kew Bull.*, 45(1): 96 (1990)—Borneo (Sarawak).
 rhabdocladus
 var. globulosus S.J. Pei & S.Y. Chen in *Acta Phytotax. Sin.*, 27(2): 137 (1989)—China.
 sabalensis J. Dransfield in *Kew Bull.*, 45(1): 83 (1990)—Borneo (Sarawak).
 simplicifolius C.F. Wei in *Guihaia*, 6(1-2): 36 (1986)—China.
 thysanolepis
 var. polyplepis C.F. Wei in *Guihaia*, 6(1-2): 24 (1986)—China.
 tonkinensis
 var. brevispicatus C.F. Wei in *Guihaia*, 6(1-2): 31 (1986)—China.
 vattayila C. Renuka in *Current Sci.*, 56(19): 1012 (1987)—India.
 wailong S.J. Pei & S.Y. Chen in *Acta Phytotax. Sin.*, 27(2): 138 (1989)—China.
 yuangchunensis C.F. Wei in *Guihaia*, 6(1-2): 26 (1986)—China.
 yunnanensis S.J. Pei & S.Y. Chen in *Acta Phytotax. Sin.*, 27(2): 134 (1989), with two types cited—China.
 var. densiflorus S.J. Pei & S.Y. Chen in *Acta Phytotax. Sin.*, 27(2): 135 (1989)—China.
 var. intermedius S.J. Pei & S.Y. Chen in *Acta Phytotax. Sin.*, 27(2): 137 (1989)—China.
- CALANDRINIA** (Portulacac.).
 sect. *Pachypodae* W.A. Kelley & J.R. Swanson in *Phytologia*, 60(3): 172 (1986).
 pachypoda
 subsp. eyerdamii W.A. Kelley & J.R. Swanson in *Phytologia*, 60(3): 173 (1986)—Bolivia.
- CALANTHE** (Orchidac.).
 baliensis J.F. Wood & J.B. Comber in *Kew Bull.*, 41(3): 698 (1986)—Lesser Sunda Is.
 candida J. Bosser in *Bull. Mus. Nation. Hist. Nat., B. Adansoniana*, Ser. 4, 11(1): 34 (1989)—Mauritius, Réunion.
 imthurnii P.J. Kores in *Allertonia*, 5(1): 126 (1989)—Fiji.
 plantaginea
 var. lushuiensis K.Y. Lang & Z.H. Tsi in *Acta Phytotax. Sin.*, 25(5): 404 (1987)—China.
- ×**CALASSODIA** M.A. Clements in *Austral. Orchid Res.*, 1: 33 (1989). **ORCHIDACEAE**. (*Caladenia* × *Glossodia*).
 tutelata (R. Rogers) M.A. Clements in *Austral. Orchid Res.*, 1: 33 (1989): *Caladenia tutelata*.
- CALATHEA** (Marantac.).
 anderssonii H. Kennedy in *Canad. J. Bot.*, 63(6): 1145 (1985)—Ecuador.
 anulque H. Kennedy in *Fl. Ecuador*, 32(224): 38 (1988)—Ecuador.
 asplundii H. Kennedy in *Fl. Ecuador*, 32(224): 53 (1988)—Ecuador.

CALATHEA :-

- attenuata* H. Kennedy in *Nordic J. Bot.*, 6(2): 146 (1986)—Colombia, Ecuador, Brazil, Peru.
bantae H. Kennedy in *Canad. J. Bot.*, 64(7): 1321 (1986)—Ecuador, Colombia.
clivorum H. Kennedy in *Canad. J. Bot.*, 63(6): 1147 (1985)—Ecuador.
congesta H. Kennedy in *Fl. Ecuador*, 32(224): 40 (1988)—Ecuador.
curaraya H. Kennedy in *Fl. Ecuador*, 32(224): 128 (1988)—Ecuador.
dilabens L. Andersson & H. Kennedy in *Nordic J. Bot.*, 6(4): 450 (1986)—French Guiana.
erecta L. Andersson & H. Kennedy in *Nordic J. Bot.*, 6(4): 448 (1986)—French Guiana, Brazil.
fucata H. Kennedy in *Fl. Ecuador*, 32(224): 133 (1988)—Ecuador, Colombia.
gandersii H. Kennedy in *Fl. Ecuador*, 32(224): 110 (1988)—Ecuador.
granvillei L. Andersson & H. Kennedy in *Nordic J. Bot.*, 6(4): 451 (1986)—French Guiana, Brazil.
hagbergii H. Kennedy in *Fl. Ecuador*, 32(224): 52 (1988)—Ecuador.
harlingii H. Kennedy in *Fl. Ecuador*, 32(224): 28 (1988)—Ecuador.
ischnosiphonoides H. Kennedy in *Fl. Ecuador*, 32(224): 45 (1988)—Ecuador.
lagoagriana H. Kennedy in *Nordic J. Bot.*, 6(2): 148 (1986)—Ecuador, Colombia.
lanicaulis H. Kennedy in *Canad. J. Bot.*, 63(6): 1143 (1985)—Ecuador.
latrinotecta H. Kennedy in *Fl. Ecuador*, 32(224): 42 (1988)—Ecuador.
majestica (Linden) H. Kennedy in *Canad. J. Bot.*, 64(7): 1325 (1986)—Maranta majestica.
multicincta H. Kennedy in *Canad. J. Bot.*, 64(7): 1323 (1986)—Ecuador.
pallidicosta H. Kennedy in *Nordic J. Bot.*, 6(2): 143 (1986)—Ecuador.
paucifolia H. Kennedy in *Fl. Ecuador*, 32(224): 86 (1988)—Ecuador.
pluriplicata H. Kennedy in *Fl. Ecuador*, 32(224): 49 (1988)—Ecuador.
plurispicata H. Kennedy in *Fl. Ecuador*, 32(224): 33 (1988)—Ecuador.
poepigiana Loesener ex H. Kennedy in *Fl. Ecuador*, 32(224): 77 (1988)—Ecuador, Brazil, Colombia, Peru, Bolivia.
roseobractea H. Kennedy in *Nordic J. Bot.*, 6(4): 459 (1986)—Ecuador.
selbyana H. Kennedy in *Fl. Ecuador*, 32(224): 63 (1988)—Ecuador.
squarrosa L. Andersson & H. Kennedy in *Nordic J. Bot.*, 6(4): 454 (1986)—French Guiana.
steyermarkii H. Kennedy & K. Nagata in *Brittonia*, 41(2): 164 (1989)—Venezuela.
striata H. Kennedy in *Fl. Ecuador*, 32(224): 60 (1988)—Colombia, Ecuador.
tinalandia H. Kennedy in *Canad. J. Bot.*, 63(6): 1141 (1985)—Ecuador.
utilis H. Kennedy in *Nordic J. Bot.*, 6(4): 457 (1986)—Ecuador.

CALATHIANA (Gentianac.).

- terglouensis*
subsp. schleicheri (Vaccari) Á. Löve & D. Löve in *Taxon*, 35(4): 898 (1986): Gentiana verna f. schleicheri.
verna
subsp. pontica (Soltok) Á. Löve & D. Löve in *Taxon*, 35(4): 898 (1986): Gentiana pontica.
subsp. tergestina (G. Beck) A. Löve & D. Löve in *Taxon*, 35(4): 898 (1986): Gentiana angulosa f. tergestina.

CALCEOLARIA (Scrophulariac.).

- sect. Bellidifoliae* (Benth) U. Molau in *Fl. Neotrop.*, 47: 288 (1988): C. § Bellidifoliae.
sect. Englerina U. Molau in *Fl. Neotrop.*, 47: 101 (1988).
subgen. Rosula (Descole & Borsini) U. Molau in *Fl. Neotrop.*, 47: 287 (1988): C. sect. Rosula.
sect. Rotundifoliae U. Molau in *Fl. Neotrop.*, 47: 270 (1988).
aperta
subsp. incana (Molau) U. Molau in *Fl. Neotrop.*, 47: 195 (1988): C. incana.

CALCEOLARIA :-

- atahualpae*
subsp. witasekiana (Kränzlin) U. Molau in *Fl. Neotrop.*, 47: 54 (1988): C. witasekiana.
barbata U. Molau in *Fl. Neotrop.*, 47: 132 (1988)—Peru.
bentae U. Molau in *Fl. Neotrop.*, 47: 318 (1988)—Ecuador.
biflora
f. falklandica (Sp. Moore) W. Bowden in *J. Ontario Rock Gard. Soc.*, June: 3 (1986): Fagelia falklandica.
commutata U. Molau in *Fl. Neotrop.*, 47: 124 (1988)—Ecuador.
comosa
subsp. elegans U. Molau in *Fl. Neotrop.*, 47: 168 (1988)—Peru.
cuneiformis
subsp. xerophila U. Molau in *Fl. Neotrop.*, 47: 177 (1988)—Peru.
engleriana
subsp. lutea U. Molau in *Fl. Neotrop.*, 47: 106 (1988)—Peru.
ericoides
subsp. peruviana U. Molau in *Fl. Neotrop.*, 47: 131 (1988)—Peru.
fabrisii S.M. Botta & A.L. Cabrera in *Darwiniana*, 27(1-4): 1 (1986)—Argentina, Bolivia.
flexuosa
subsp. chrysocalyx (Pennell) U. Molau in *Fl. Neotrop.*, 47: 199 (1988): C. chrysocalyx.
frondosa U. Molau in *Fl. Neotrop.*, 47: 67 (1988)—Ecuador.
harlingii U. Molau in *Fl. Neotrop.*, 47: 316 (1988)—Ecuador.
inamoena
subsp. millefoliata (Kränzlin) U. Molau in *Fl. Neotrop.*, 47: 180 (1988): C. millefoliata.
incarum
subsp. sanchezii U. Molau in *Fl. Neotrop.*, 47: 220 (1988)—Peru.
lanceolata
f. acutifolia (Witasek) W. Bowden in *J. Ontario Rock Gard. Soc.*, June: 3 (1986): C. acutifolia.
f. polyrhiza (Cav.) W. Bowden in *J. Ontario Rock Gard. Soc.*, June: 3 (1986): C. polyrhiza.
obliqua U. Molau in *Fl. Neotrop.*, 47: 215 (1988)—Peru.
olivacea U. Molau in *Fl. Neotrop.*, 47: 109 (1988)—Peru.
parvifolia
subsp. guentheri (Kränzlin) U. Molau in *Fl. Neotrop.*, 47: 172 (1988): C. guentheri.
pinnata
subsp. delicatula (Kränzlin) U. Molau in *Fl. Neotrop.*, 47: 248 (1988): C. delicatula.
rufescens U. Molau in *Fl. Neotrop.*, 47: 317 (1988)—Peru.
tetragona
subsp. endopogon (Kränzlin) U. Molau in *Fl. Neotrop.*, 47: 81 (1988): C. endopogon.
trilobata
subsp. aequilateralis (Edwin) U. Molau in *Fl. Neotrop.*, 47: 242 (1988): C. aequilateralis.
subsp. herzogiana (Kränzlin) U. Molau in *Fl. Neotrop.*, 47: 243 (1988): C. herzogiana.

CALEA (Compos.).

- abbreviata* J.F. Pruski & L.E. Urbatsch in *Brittonia*, 40(4): 348 (1988)—Brazil.
dalyi J.F. Pruski & L.E. Urbatsch in *Brittonia*, 39(2): 201 (1987)—Bolivia.
fruticosa (Gardner) L.E. Urbatsch, A. Zlotzky & J.F. Pruski in *Syst. Bot.*, 11(4): 506 (1986): Amphicalca fruticosa.
heteropappa J.F. Pruski & L.E. Urbatsch in *Brittonia*, 40(4): 346 (1988)—Brazil.
intermedia J.F. Pruski & L.E. Urbatsch in *Brittonia*, 40(4): 351 (1988)—Brazil.
lutea J.F. Pruski & L.E. Urbatsch in *Brittonia*, 40(4): 353 (1988)—Brazil.
oaxacana (B. Turner) B.L. Turner in *Phytologia*, 65(3): 241 (1988): Tetrachyron oxacanum.
quadrifolia J.F. Pruski & L.E. Urbatsch in *Brittonia*, 40(4): 341 (1988)—Brazil.
saddiana G.M. Barroso in *Arg. Jard. Bot. Rio de Janeiro*, 28: 195 (1986-87 publ. 1988)—Brazil.

CALEA :-

- sickii* (Barroso) L.E. Urbatsch, A. Zlotzky & J.F. Pruski in *Syst. Bot.*, 11(4): 504 (1986): Brasilia sickii.
ternifolia
var. hypoleuca (Rob. & Greenm.) B.L. Turner in *Phytologia*, 65(2): 140 (1988): C. hypoleuca.

CALENDULA (Compos.).

- alata* K.H. Rechinger in *Fl. Iran.*, 164: 104 (1989)—Iran, Iraq, U.S.S.R. (Middle Asia), Pakistan, India.
arvensis
var. macroptera (Rouy) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 91 (1987 publ. 1988): C. arvensis subsp. macroptera.

CALIBRACHOA (Solanac.).

- caesia* (Sendtn.) H.J.W. Wijsman in *Acta Bot. Neerl.*, 39(1): 101 (1990): Petunia caesia.
calycina (Sendtn.) H.J.W. Wijsman in *Acta Bot. Neerl.*, 39(1): 101 (1990): Petunia calycina.
ericaefolia (R.E. Fries) H.J.W. Wijsman in *Acta Bot. Neerl.*, 39(1): 101 (1990): Petunia ericaefolia.
excellens (R.E. Fries) H.J.W. Wijsman in *Acta Bot. Neerl.*, 39(1): 101 (1990): Petunia excellens.
hassleriana (R.E. Fries) H.J.W. Wijsman in *Acta Bot. Neerl.*, 39(1): 101 (1990): Petunia hassleriana.
heterophylla (Sendtn.) H.J.W. Wijsman in *Acta Bot. Neerl.*, 39(1): 102 (1990): Petunia heterophylla.
linearis (Hook.) H.J.W. Wijsman in *Acta Bot. Neerl.*, 39(1): 102 (1990): Salpiglossis linearis.
linoides (Sendtn.) H.J.W. Wijsman in *Acta Bot. Neerl.*, 39(1): 102 (1990): Petunia linoides.
macroactylon (Smith & Downs) H.J.W. Wijsman in *Acta Bot. Neerl.*, 39(1): 102 (1990): Petunia macroactylon.
paranensis (Dusen) H.J.W. Wijsman in *Acta Bot. Neerl.*, 39(1): 102 (1990): Petunia paranensis.
parviflora (Jussieu) W.G. D'Arcy in *Phytologia*, 67(6): 465 (1989); et H.J.W. Wijsman in *Acta Bot. Neerl.*, 39(1): 102 (1990): Petunia parviflora.
pygmaea (R.E. Fries) H.J.W. Wijsman in *Acta Bot. Neerl.*, 39(1): 102 (1990): Petunia pygmaea.
regnellii (R.E. Fries) H.J.W. Wijsman in *Acta Bot. Neerl.*, 39(1): 102 (1990): Petunia regnellii.
rupestris (Dusen) H.J.W. Wijsman in *Acta Bot. Neerl.*, 39(1): 102 (1990): Petunia rupestris.
sellowiana (Sendtn.) H.J.W. Wijsman in *Acta Bot. Neerl.*, 39(1): 102 (1990): Petunia sellowiana.

- × **CALICHARIS** A.W. Meerow in *Ann. Missouri Bot. Gard.*, 76(1): 208 (1989). **AMARYLLIDACEAE**. (Caliphuria × Eucharis).
butcheri (Traub) A.W. Meerow in *Ann. Missouri Bot. Gard.*, 76(1): 208 (1989): Eucharis butcheri.

CALICOTOME (Legumin.).

- infesta*
subsp. intermedia (C. Presl) W. Greuter in *Willdenowia*, 15(2): 428 (1986): C. intermedia.

CALIPHRURIA (Amaryllidac.).

- korsakoffii* (Traub) A.W. Meerow in *Ann. Missouri Bot. Gard.*, 76(1): 217 (1989): Eucharis korsakoffii.

CALLAEUM (Malpighiac.).

- antifebrile* (Griseb.) D.M. Johnson in *Syst. Bot.*, 11(2): 349 (1986): Banisteria antifebrilis.
chiapense (Lundell) D.M. Johnson in *Syst. Bot.*, 11(2): 346 (1986): Stigmaphyllon chiapense.
clavipetalum D.M. Johnson in *Syst. Bot.*, 11(2): 347 (1986)—Mexico.
coactum D.M. Johnson in *Syst. Bot.*, 11(2): 342 (1986)—Mexico.
macropterum (DC.) D.M. Johnson in *Syst. Bot.*, 11(2): 340 (1986): Hiraea macroptera.
malpighioides (Turcz.) D.M. Johnson in *Syst. Bot.*, 11(2): 344 (1986): Stigmaphyllon malpighioides.
psilophyllum (Adr. Juss.) D.M. Johnson in *Syst. Bot.*, 11(2): 351 (1986): Hiraea psilophyllum.
reticulatum D.M. Johnson in *Syst. Bot.*, 11(2): 348 (1986)—Peru, Ecuador.
septentrionale (Adr. Juss.) D.M. Johnson in *Syst. Bot.*, 11(2): 343 (1986): Hiraea septentrionalis.

- CALLERYA** (Legumin.).
nitida (Benth.) R. Geesink, *Scala Millettiearum* (Leiden Bot. Ser., 8): 83 (1984): *Millettia nitida*.
- CALLIANDRA** (Legumin.).
anomala
var. longepedicellata R. McVaugh, *Fl. Novo-Galiciana*, 5: 151 (1987)—Mexico.
erythrocephala H.M. Hernández & M. Sousa S. in *Syst. Bot.*, 13(4): 519 (1988)—Mexico.
hygrophila B.A. Mackinder & G.P. Lewis in *Kew Bull.*, 45(4): 681 (1990)—Brazil.
involuta B.A. Mackinder & G.P. Lewis in *Kew Bull.*, 45(4): 683 (1990)—Brazil.
kingii Prain ex S.R. Paul & T. Husain in *Feddes Repert.*, 97(11–12): 759 (1986)—Burma.
physocalyx H.M. Hernández & M. Sousa S. in *Syst. Bot.*, 13(4): 521 (1988)—Mexico.
sesquipedalis R. McVaugh, *Fl. Novo-Galiciana*, 5: 168 (1987)—Mexico.
slaneae R.A. Howard in *Phytologia*, 61(1): 3 (1986)—Windward Is.
- CALLIANDROPSIS** H.M. Hernández & P. Guinet in *Kew Bull.*, 45(4): 609 (1990). **LEGUMINOSAE**.
nervosus (Britton & Rose) H.M. Hernández & P. Guinet in *Kew Bull.*, 45(4): 609 (1990): *Anneslia nervosa*.
- CALLIANTHEMUM** (Ranunculac.).
anemonoides (Zahlbr.) Endl., *Cat. Horti Vindob.*, 2: 211 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 434 (1984): Basionym not stated.
sachalinense
subsp. kirigishiense K. Sato & K. Ito in *J. Jap. Bot.*, 64(9): 268 (1989)—Japan.
- CALLICARPA** (Verbenac.).
chejuensis Y.H. Chung & H. Kim in *Korean J. Pl. Taxon.*, 19(1): 21 (1989)—Korea.
guizhouensis H.T. Chang & Z.R. Xu in *Acta Sci. Nat. Univ. Sunyatseni*, 1986(2): 99 (1986), without type—China.
japonica C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 153 (1784)—Japan.†
lanceolaria Roxb. ex Hornem., *Hort. Hafn., Suppl.*: 121 (1819); cf. D.J. Mabberley in *Taxon*, 33(3): 436 (1984)—Locality not stated.
- CALLIGONUM** (Polygonac.).
cristatum A. Bunge, *Beitr. Fl. Russl.*: 309 (1852)—Locality not stated.†
eriopodium A. Bunge, *Beitr. Fl. Russl.*: 310 (1852)—U.S.S.R. (Middle Asia).†
mejidium A.H. Al-Khayat in *Candollea*, 43(1): 273 (1988)—Iraq.
var. thirtharicum A.H. Al-Khayat in *Candollea*, 43(1): 277 (1988)—Iraq.
murex A. Bunge, *Beitr. Fl. Russl.*: 310 (1852)—U.S.S.R. (Middle Asia).†
- CALLIOPSIS** (Compos.).
diversifolia Huber, *Cat. 1866*: 4 (1866); cf. D.J. Mabberley in *Taxon*, 34(3): 450 (1985)—Locality not stated.
- CALLISIA** (Commelinac.).
sect. Brachyphylla D.R. Hunt in *Kew Bull.*, 41(2): 409 (1986).
sect. Cuthbertia (Small) D.R. Hunt in *Kew Bull.*, 41(2): 409 (1986): gen. Cuthbertia.
sect. Hadrodemas (H.E. Moore) D.R. Hunt in *Kew Bull.*, 41(2): 409 (1986): gen. Hadrodemas.
sect. Lauia D.R. Hunt in *Kew Bull.*, 41(2): 409 (1986).
filiformis (Martens & Galeotti) D.R. Hunt in *Kew Bull.*, 41(2): 410 (1986): *Tradescantia filiformis*.
gentleii
var. elegans (Alexander ex H.E. Moore) D.R. Hunt in *Kew Bull.*, 41(2): 411 (1986): *C. elegans*.
var. macdougallii (Miranda) D.R. Hunt in *Kew Bull.*, 41(2): 411 (1986): *C. macdougallii*.
graminea (Small) G.C. Tucker in *J. Arnold Arbor.*, 70(1): 118 (1989): *Cuthbertia graminea*.
f. leucantha (Lakela) G.C. Tucker in *J. Arnold Arbor.*, 70(1): 118 (1989): *Cuthbertia graminea* f. leucantha.
ornata (Small) G.C. Tucker in *J. Arnold Arbor.*, 70(1): 118 (1989): *Cuthbertia ornata*.
- CALLISIA** :-
rosea (Vent.) D.R. Hunt in *Kew Bull.*, 41(2): 409 (1986): *Tradescantia rosea*.
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pauciflorus R.D. Spencer & P.F. Lumley in *Muelleria*, 6(3–4): 295 (1986)—Australia (N. Terr.).
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breviseta
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brownii (*Schauer*) *L.A. Craven in Brunonia*, 10(1): 42 (1987); *Calycothrix brownii*.
carinata *L.A. Craven in Brunonia*, 10(1): 71 (1987)—Australia (N. Terr., W. Australia, S. Australia, Queensland).
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divergens *L.A. Craven in Brunonia*, 10(1): 61 (1987)—Australia (W. Australia).
drummondii (*Meissner*) *L.A. Craven in Brunonia*, 10(1): 93 (1987); *Calycothrix drummondii*.
duplistipulata *L.A. Craven in Brunonia*, 10(1): 48 (1987)—Australia (W. Australia).
eneabbensis *L.A. Craven in Brunonia*, 10(1): 55 (1987)—Australia (W. Australia).
erosipetala *L.A. Craven in Brunonia*, 10(1): 37 (1987)—Australia (W. Australia).
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parvivalis *L.A. Craven in Brunonia*, 10(1): 120 (1987)—Australia (W. Australia).
paucicostata *L.A. Craven in Brunonia*, 10(1): 106 (1987)—Australia (W. Australia).
platycheirida *L.A. Craven in Brunonia*, 10(1): 62 (1987)—Australia (W. Australia).
praecipua *L.A. Craven in Brunonia*, 10(1): 50 (1987)—Australia (W. Australia).
purpurea (*F. Muell.*) *L.A. Craven in Brunonia*, 10(1): 58 (1987); *Lhotskya purpurea*.
rupestris *L.A. Craven in Brunonia*, 10(1): 46 (1987)—Australia (N. Terr.).
similis *L.A. Craven in Brunonia*, 10(1): 84 (1987)—Australia (W. Australia).
simplex
subsp. *suboppositifolia* *L.A. Craven in Brunonia*, 10(1): 100 (1987)—Australia (W. Australia).
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sylvana *L.A. Craven in Brunonia*, 10(1): 117 (1987), nom. nov.: *Lhotskya brevifolia Schauer*.
truncatifolia *L.A. Craven in Brunonia*, 10(1): 103 (1987)—Australia (W. Australia).
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f. *leucantha P.L. Chiu in J. Nanjing Forest. Univ.*, 1987(2): 26 (1987)—China.
- truncata *H.T. Chang & C.S. Ye in Acta Sci. Nat. Univ. Sunyatseni*, 29(2): 90 (1990)—China.
- xichangensis *H.T. Chang in Acta Sci. Nat. Univ. Sunyatseni*, 28(3): 57 (1989)—China.
- yunkiangica *Chang, H.S. Wang & B.H. Chen in Tea Sci. Res. J. (China)*, 1983: 17 (1983)—China.

CAMISSONIA (Onagrac.).

- atwoodii *A. Cronquist in Great Basin Nat.*, 46(2): 258 (1986)—U.S.A. (Utah).
- boothii
var. *condensata (Munz) A. Cronquist in Great Basin Nat.*, 46(2): 258 (1986): *Oenothera decorticans* var. *condensata*.
- var. *villosa (Wats.) A. Cronquist in Great Basin Nat.*, 46(2): 258 (1986): *Oenothera alyssoides* var. *villosa*.
- clavaeformis
var. *purpurascens (Wats.) A. Cronquist in Great Basin Nat.*, 46(2): 258 (1986): *Oenothera scapoidea* var. *purpurascens*.
- scapoidea
var. *utahensis (Raven) S.L. Welsh in Great Basin Nat.*, 46(2): 258 (1986): *Oenothera scapoidea* subsp. *utahensis*.

CAMPANULA (Campanulac.).

- bluemelii *J.J. Haldia in Preslia*, 61(4): 321 (1989)—Turkey.
- cantabrica
subsp. *occidentalis M. Lainz, Mis contrib. conocim. fl. Asturias: 65 (1982)*—Spain.
- chalcidica (*Buser*) *D. Phitos & G. Kamari in Willdenowia*, 17(1-2): 103 (1988): *Diosphaera chalcidica*.
- glauca *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14: 211 (1784)*—Japan.†
- hissarica *R. Kam. ex M.R. Rasulovala in Fl. Tadzhikskoi SSR*, 9: 526, 157 (1988)—U.S.S.R. (Middle Asia).
- hypocrateriformis *A. Dobignard in Saussurea*, 19: 112 (1988 publ. 1989), nom. nov.: C. *dichotoma* f. *pseudodichotoma Maire ex Quézel*.
- jordanovii *M. Ančev & M. Kovanda in Preslia*, 61(3): 196 (1989)—Bulgaria.
- kastellorizana *A. Carlström in Willdenowia*, 15(2): 384 (1986)—Greece.
- lehmanniana *A. Bunge, Beitr. Fl. Russl.: 211 (1852)*—U.S.S.R. (Middle Asia).†
- subsp. *integerrima R. Kam. ex M.R. Rasulovala in Fl. Tadzhikskoi SSR*, 9: 526, 156 (1988)—U.S.S.R. (Middle Asia).
- subsp. *pseudohissarica R. Kam. ex M.R. Rasulovala in Fl. Tadzhikskoi SSR*, 9: 525, 156 (1988)—U.S.S.R. (Middle Asia).
- lycica *Kit Tan & F. Sorger in Pl. Syst. Evol.*, 155(1-4): 96 (1987)—Turkey.
- marginata *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14: 211 (1784)*—Japan.†
- praecalta *A.I. Galushko, Fl. Severn. Kavkaza*, 3: 147 (1980), nom. nov.: C. *elatior (Fomin.) Grossh. ex Fed.*
- punctata
f. *albiflora T. Shimizu in J. Phytogeogr. Taxon.*, 37(2): 120 (1989)—Japan.
- f. *impunctata N. Yonezawa in J. Phytogeogr. Taxon.*, 35(1): 41 (1987)—Japan.
- rapunculus
subsp. *verruculosa (Hoffgg. & Lk.) A.R. Pinto da Silva in Bol. Soc. Bot.*, 60: 155 (1987): C. *verruculosa*.
- simulans *A. Carlström in Willdenowia*, 15(2): 381 (1986)—Turkey, East Aegean Is., Greece.
- sivasica *Kit Tan & B. Yildiz in Notes Roy. Bot. Gard. Edinburgh*, 45(3): 447 (1988 publ. 1989)—Turkey.
- tetraphylla *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14: 211 (1784)*—Japan.†
- triphylla *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14: 211 (1784)*—Japan.†
- trojanensis *M. Kovanda & M. Ančev in Preslia*, 61(3): 201 (1989)—Bulgaria.
- urbionensis *S. Rivas-Martínez & G. Navarro in Opusc. Bot. Pharm. Complutensis*, 5: 65 (1989)—Spain.
- velutina
var. *malacitana (Degen & Hervier) G. López ex M. Lainz & J. Fernández Casas in Fontqueria*, 21: 50 (1988): C. *malacitana* var. *malacitana*.
- veneris *A. Carlström in Willdenowia*, 15(2): 384 (1986)—Cyprus.
- yildirimlii *Kit Tan & F. Sorger in Pl. Syst. Evol.*, 154(1-2): 124 (1986)—Turkey.

CAMPOMANESIA (Myrtac.).

- acrandroides *J.R. Mattos in Loefgrenia*, 90: 4 (1986), nom. nov.: *Acrandra sellowiana Berg.*
- cerasoides (*Camb.*) *J.R. Mattos in Loefgrenia*, 90: 4 (1986): *Psidium cerasoides*.
- espiritosantensis *L.R. Landrum in Brittonia*, 39(2): 245 (1987)—Brazil.
- phaea (*Berg*) *J.R. Mattos in Loefgrenia*, 90: 4 (1986): *Abbevillea phaea*.
- schultziana *J.R. Mattos in Loefgrenia*, 90: 4 (1986), nom. nov.: *Abbevillea gardneriana Berg.*
- sellowiana (*Berg*) *J.R. Mattos in Loefgrenia*, 90: 4 (1986): *Abbevillea sellowiana*.
- sparsiflora (*DC.*) *J.R. Mattos in Loefgrenia*, 90: 4 (1986): *Eugenia sparsiflora*.

CAMPSIDIMUM (Bignoniac.).

- valdivianum (*Phil.*) *Bull. Retail List*, 59: 4 (1871); *cf. D.J. Mabberley in Taxon*, 34(3): 456 (1985): *Basionym* not stated.

CAMPYLOCLINIUM (Compos.).

- gracilis (*Benth.*) *N.S. Lander in Nuytsia*, 6(1): 61 (1987): *Eurybia gracilis*.
- f. *arachnoidea (N. Burb.) N.S. Lander in Nuytsia*, 6(1): 61 (1987): C. *brachycomoides* f. *arachnoidea*.
- f. *lanata (N. Burb.) N.S. Lander in Nuytsia*, 6(1): 61 (1987): C. *brachycomoides* f. *lanata*.

CAMPULOCLINIUM (Compos.).

- viridiflorum *Bartl., Ind. Sem. Hort. Acad. Gott.*, 1843: 2 (1843); *cf. D.J. Mabberley in Taxon*, 32(1): 84 (1983)—Locality not stated.

CAMPYLANTHUS (Scrophulariac.).

- mirandae *A.G. Miller in Notes Roy. Bot. Gard. Edinburgh*, 45(1): 75 (1988)—Oman.
- somaliensis *A.G. Miller in Notes Roy. Bot. Gard. Edinburgh*, 45(1): 73 (1988)—Somali Republic.

CAMPYLOCENTRUM (Orchidac.).

- hirtzii *C.H. Dodson in Ic. Pl. Trop.*, Ser. 2, 5: t. 409 (1989)—Ecuador.
- madisonii *C.H. Dodson in Ic. Pl. Trop.*, Ser. 2, 5: t. 410 (1989)—Ecuador.

CAMPYLOTROPIS (Legumin.).

- macrocarpa
var. *giraldii (Schindl.) K.T. Fu ex P.Y. Fu in Bull. Bot. Res. North-East. Forest. Inst.*, 7(4): 42 (1987): *Lespedeza giraldii*.
- f. *giraldii (Schindl.) P.Y. Fu in Bull. Bot. Res. North-East. Forest. Inst.*, 7(4): 42 (1987): *Lespedeza giraldii*.
- subsp. *hengduanshanensis C.J. Chen in Acta Bot. Yunnanica*, 10(4): 435 (1988)—China, Xizang.
- f. *hupehensis (Pamp.) P.Y. Fu in Bull. Bot. Res. North-East. Forest. Inst.*, 7(4): 43 (1987): C. *macrocarpa* var. *hupehensis*.
- f. *lanceolata P.Y. Fu in Bull. Bot. Res. North-East. Forest. Inst.*, 7(4): 41 (1987)—China.
- f. *longepedunculata (Rick.) P.Y. Fu in Bull. Bot. Res. North-East. Forest. Inst.*, 7(4): 43 (1987): C. *longepedunculata*.
- f. *microphylla K.T. Fu ex P.Y. Fu in Bull. Bot. Res. North-East. Forest. Inst.*, 7(4): 43 (1987)—China.
- pauciflora *C.J. Chen in Acta Bot. Yunnanica*, 10(4): 433 (1988)—China.
- polyantha
f. *macrophylla P.Y. Fu in Bull. Bot. Res. North-East. Forest. Inst.*, 7(4): 46 (1987)—China.
- f. *souliei (Schindl.) P.Y. Fu in Bull. Bot. Res. North-East. Forest. Inst.*, 7(4): 46 (1987): C. *souliei*.
- var. *tomentosa P.Y. Fu in Bull. Bot. Res. North-East. Forest. Inst.*, 7(4): 46 (1987)—China.
- tenuiramea *P.Y. Fu in Bull. Bot. Res. North-East. Forest. Inst.*, 7(4): 37 (1987)—China.
- teretiracemosa *P.C. Li & C.J. Chen in Acta Bot. Yunnanica*, 10(4): 434 (1988)—China.
- tomentosipetiolata *P.Y. Fu in Bull. Bot. Res. North-East. Forest. Inst.*, 7(4): 47 (1987)—China.
- wenshaaica *P.Y. Fu in Bull. Bot. Res. North-East. Forest. Inst.*, 7(4): 35 (1987)—China.
- yajiangensis *P.Y. Fu in Bull. Bot. Res. North-East. Forest. Inst.*, 7(4): 32 (1987)—China.
- var. *deronica P.Y. Fu in Bull. Bot. Res. North-East. Forest. Inst.*, 7(4): 34 (1987)—China, Xizang.
- yunnanensis
var. *filipes (Rick.) P.Y. Fu in Bull. Bot. Res. North-East. Forest. Inst.*, 7(4): 52 (1987): C. *filipes*.
- var. *zhongdenensis P.Y. Fu in Bull. Bot. Res. North-East. Forest. Inst.*, 7(4): 52 (1987)—China.

CAMPYNEMANTHE (Melanthiac.).

- neocaledonica (*Rendle*) *P. Goldblatt in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(2): 122 (1986): *Campynema neocaledonicum*.
- parva *P. Goldblatt in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(2): 127 (1986)—New Caledonia.

CANARIUM (Bursserac.).

- australianum
var. *velutinum H.J. Hewson in Fl. Australia*, 25: 202, 169 (1985)—Australia (W. Australia, N. Terr., Queensland).

- CANAVALIA** (Legumin.).
mauiensis H. St. John in *Phytologia*, 64(3): 178 (1988)—Hawaiian Is.
taiwaniana S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 2: 518 (1987)—Taiwan.
- CANISTRUM** (Bromeliac.).
camacaensis G. Martinelli & E.M.C. Leme in *Bradea*, 4(33): 256 (1986)—Brazil.
fragrans (Linden) D.J. Mabberley in *Feddes Repert.*, 101(5-6): 271 (1990): *Guzmania fragrans*.
seidelianum W. Weber in *Feddes Repert.*, 97(3-4): 117 (1986)—Brazil.
- CANNA** (Cannac.).
variegata Besser, *Cat. Hort. Bot. Krz.*: 25 (1810); cf. D.J. Mabberley in *Taxon*, 32(1): 84 (1983)—Locality not stated.
- CANNABIS** (Cannabac.).
kafiristanica (Vav.) J. Chrtek in *Čas. Nár. Muz. (Prague)*, 150(1-2): 22 (1981): *C. indica* var. *kafiristanica*.
sativa
var. ruderalis (Janisch.) S.Z. Liou in *Fl. Liaoningica*, chief ed. S.X. Li, 1: 289 (1988): *C. ruderalis*.
- CANNOMOIS** (Restionac.).
taylorii H.P. Linder in *S. Afr. J. Bot.*, 56(4): 453 (1990)—South Africa (Cape Province).
- CANSCORA** (Gentianac.).
diffusa
var. tetraptera V.N. Naik & D.S. Pokle in *J. Econ. Taxon. Bot.*, 7(3): 673 (1985 publ. 1986)—India.
rubiflora X.X. Chen in *Guihaia*, 6(3): 177 (1986)—China.
- CANTHIUM** (Rubiac.).
subgen. Bullockia D.M. Bridson in *Kew Bull.*, 42(3): 630 (1987).
cordatum L.W. Dillwyn, *Rev. Hortus Malab.*: 32 (1839); fide D.J. Mabberley in *Taxon*, 26(5-6): 531 (1977)—India.
dicoecum
var. lanceolatum (Arn.) M.S. Swaminathan in *A.N. Henry, G.R. Kumari & V. Chithra, Fl. Tamil Nadu, India, Ser. 1*, 2: 2 (1987): *C. lanceolatum*.
fadenii D.M. Bridson in *Kew Bull.*, 42(3): 632 (1987)—Kenya.
impressinervium D.M. Bridson in *Kew Bull.*, 42(3): 633 (1987)—Tanzania.
pseudosetiflorum D.M. Bridson in *Kew Bull.*, 42(3): 635 (1987)—Kenya, Ethiopia, Uganda, Tanzania.
setiflorum
subsp. telidosma (K. Schum.) D.M. Bridson in *Kew Bull.*, 42(3): 634 (1987): *Plectronia telidosma*.
vanwykii P.M. Tilney & P.D.F. Kok in *S. Afr. J. Bot.*, 53(1): 98 (1987)—South Africa (Natal, Cape Province).
whitei (Bridson) F. White in *Bull. Jard. Bot. Nation. Belg.*, 60(1-2): 109 (1990): *Psydrax whitei*.
- CAPPARIS** (Capparac.).
gibbosa A. Cunningham in *Hook. J. Bot.*, 4: 261 (1841)—Australia.
grandipetala B. Maguire & J.A. Steyermark in *Mem. New York Bot. Gard.*, 51: 115 (1989)—Brazil.
iltisiana T. Ruiz Z. in *Ernstia*, 36: 1 (1986)—Venezuela.
ovata
subsp. sicula (Veillard) F.I. Pugnaire de Iraola in *Blancana*, 7: 121 (1989), as '(Duham)': *C. sicula*.
srilankensis R. Sundara Raghavan in *Bull. Bot. Surv. India*, 28(1-4): 185 (1986 publ. 1988)—Sri Lanka.
- CAPRARIA** (Scrophulariac.).
biflora
subsp. havanensis N.N. Tsvetlev in *Bot. Zhurn.*, 72(12): 1663 (1987)—Cuba.
- CARAGANA** (Legumin.).
ser. Leucophloeae N.V. Gorbunova, *Rod. Karagana i Kalofaka Sem. Bobov. Kirgiz.*: 142 (1987).
- CARAGANA** :-
acanthophylla
subsp. macrocalyx G.P. Yakovlev in *Rast. Tsentral. Azii*, 8a: 28 (1988)—Xinjiang.
alexeevkoii R.V. Kamelin in *Dokl. Akad. Nauk Tadzh. SSR*, 32(11): 779 (1989 publ. 1990), contrary to Art. 37.5 ICBN (1988)—U.S.S.R. (Middle Asia).
beefensis S. Biswas in *Indian J. Forest.*, 9(1): 70 (1986)—India.
var. auriculata S. Biswas in *Indian J. Forest.*, 9(1): 71 (1986)—India.
boisii
var. platycarpa G.P. Yakovlev in *Novosti Sist. Vyssh. Rast.*, 24: 130 (1987)—China.
brevispina
var. gamblei S. Biswas in *Indian J. Forest.*, 9(1): 72 (1986)—India.
bungei
var. riparia N.A. Bondareva in *Byull. Glavn. Bot. Sada (Moscow)*, 155: 37 (1990), contrary to Art. 37.5 ICBN (1988)—U.S.S.R. (Siberia).
davazamcii
var. viridis Y.X. Liou in *Fl. Desert. Reipubl. Popul. Sin.*, 2: 445 (1987)—China.
gobica
subsp. occidentalis R. Kam. & G.P. Yakovlev in *Rast. Tsentral. Azii*, 8a: 33 (1988)—Mongolia.
hopeiensis G.P. Yakovlev in *Novosti Sist. Vyssh. Rast.*, 24: 126 (1987)—China.
korshinskii
f. brachypoda Y.X. Liou in *Fl. Desert. Reipubl. Popul. Sin.*, 2: 445 (1987)—China.
opulens
var. licentiana (Hand.-Mazz.) G.P. Yakovlev in *Rast. Tsentral. Azii*, 8a: 38 (1988): *C. licentiana*.
var. perforata Merrgen & Y.Q. Ma in *Acta Sci. Nat. Univ. Intramongolicae*, 20(4): 554 (1989)—China.
var. trichophylla Z.H. Gao & S.C. Zhang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(3): 63 (1989)—China.
pygmaea
subsp. austrotuvunica N.A. Bondareva in *Bot. Zhurn.*, 74(6): 900 (1989)—U.S.S.R. (Siberia).
rosea
var. leveillei (Kom.) G.P. Yakovlev in *Rast. Tsentral. Azii*, 8a: 41 (1988): *C. leveillei*.
spinosa (L.) Vahl ex Hornem., *Hort. Hafn.*: 694 (1815); cf. D.J. Mabberley in *Taxon*, 33(3): 436 (1984): *Basionym* not stated.
tekesiensis Y.Z. Zhao & D.W. Zhou in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 83 (1990)—Xinjiang.
zahlbruckneri
subsp. litwinowii (Kom.) G.P. Yakovlev in *Bot. Zhurn.*, 71(4): 482 (1986): *C. litwinowii*.
var. pekinensis (Kom.) G.P. Yakovlev in *Bot. Zhurn.*, 71(4): 482 (1986): *C. pekinensis*.
var. pilosa G.P. Yakovlev in *Bot. Zhurn.*, 71(4): 482 (1986)—China.
- CARAIPA** (Guttif.).
aracaensis K. Kubitzki in *Acta Amazonica*, 16-17: 158 (1986-87 publ. 1987)—Brazil.
longisepala K. Kubitzki in *Acta Amazonica*, 16-17: 160 (1986-87 publ. 1987)—Brazil.
multinervia K. Kubitzki in *Acta Amazonica*, 16-17: 157 (1986-87 publ. 1987)—Brazil.
- CARALLIA** (Rhizophorac.).
eugenioides
var. sumatrensis M. Ito & M. Hotta in *M. Hotta (ed.), Drivers. & Dynam. Pl. Life Sumatra*, 1: 73 (1986), without latin descr. or type; et in *Acta Phytotax. Geobot.*, 37(4-6): 147 (1986)—Sumatra.
- CARALLUMA** (Asclepiadac.).
subgen. Boucerosia (Wight & Arn.) M.G. Gilbert in *Bradleya*, 8: 15 (1990): gen. *Boucerosia*.
subgen. Desmidorchis (Ehrend.) M.G. Gilbert in *Bradleya*, 8: 19 (1990): gen. *Desmidorchis*.
subgen. Urmalcala M.G. Gilbert in *Bradleya*, 8: 15 (1990).
ascendens
var. carinata J.S. Sarkaria in *J. Nation. Cact. Succ. Soc. India*, 4(1): 4 (1984); cf. *Asklepios*, 33: 41 (1985), without type—India.
- CARALLUMA** :-
edwardsiae (M. Gilbert) M.G. Gilbert in *Bradleya*, 8: 13 (1990): *C. gracilipes* subsp. *edwardsiae*.
longiflora M.G. Gilbert in *Bradleya*, 8: 13 (1990)—Somali Republic, Kenya.
- CARAPA** (Meliac.).
megistocarpa A.H. Gentry & Dodson in *Ann. Missouri Bot. Gard.*, 75(4): 1434 (1988 publ. 1989)—Ecuador.
- CARDAMINE** (Crucif.).
subsect. Bellidifoliae (Spassk.) K.S. Khatri in *Feddes Repert.*, 101(9-10): 441 (1990): *C. ser. Bellidifoliae*.
subsect. Macrophyllae K.S. Khatri in *Folia Geobot. Phytotax.*, 25(2): 207 (1990).
subsect. Microphyllae K.S. Khatri in *Feddes Repert.*, 101(9-10): 442 (1990).
subsect. Prorepentae K.S. Khatri in *Folia Geobot. Phytotax.*, 25(2): 209 (1990).
anhuiensis D.C. Zhang & C.Z. Shao in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 127 (1986)—China.
basisagitata W.T. Wang in *Acta Bot. Yunnanica*, 9(1): 10 (1987)—China.
bijiangensis W.T. Wang in *Acta Bot. Yunnanica*, 9(1): 12 (1987)—China.
caroides C.Y. Wu in *Acta Bot. Yunnanica*, 9(1): 16 (1987)—China.
dentata
var. palustris (Wimm. & Grab.) K.S. Khatri in *Feddes Repert.*, 97(5-6): 281 (1986): *C. pratensis* var. *palustris*.
digitata
var. sphenophylla (Jurtz.) K.S. Khatri in *Feddes Repert.*, 101(9-10): 443 (1990): *C. sphenophylla*.
dissecta (Leavenw.) I.A. Al-Shehbaz in *J. Arnold Arbor.*, 69(1): 82 (1988): *Dentaria dissecta*.
flexuosoides W.T. Wang in *Acta Bot. Yunnanica*, 9(1): 12 (1987)—China.
var. glabricalis W.T. Wang in *Acta Bot. Yunnanica*, 9(1): 13 (1987)—China.
griffithii
var. pentaloba W.T. Wang in *Acta Bot. Yunnanica*, 9(1): 16 (1987)—China.
heishuiensis W.T. Wang in *Acta Bot. Yunnanica*, 9(1): 15 (1987)—China.
hydrocotylodes W.T. Wang in *Acta Bot. Yunnanica*, 9(1): 8 (1987)—China.
impatiens
var. longipes S. Hatusima in *J. Phytogeogr. Taxon.*, 35(2): 64 (1987)—Japan.
levicaulis W.T. Wang in *Acta Bot. Yunnanica*, 9(1): 9 (1987)—China.
longistyla W.T. Wang in *Acta Bot. Yunnanica* 9(1): 14 (1987)—Xizang.
majovskii K. Marhold & J. Záborský in *Preslia*, 58(3): 194 (1986)—Czechoslovakia.
microphylla
var. blaisdellii (Eastw.) K.S. Khatri in *Feddes Repert.*, 101(9-10): 444 (1990): *C. blaisdellii*.
monteluccii A.J.B. Brilli-Cattarini & L. Gubellini in *Webbia*, 39(2): 398 (1986)—Italy, Sicily.
multiensis W.T. Wang in *Acta Bot. Yunnanica*, 9(1): 11 (1987)—China.
nepalensis N. Kurosaki & H. Ohba in *J. Jap. Bot.*, 64(5): 135 (1989)—Nepal.
pratensis
subsp. major P. Tomšovic in *Folia Geobot. Phytotax.*, 21(4): 429 (1986)—Czechoslovakia.
raphanifolia
subsp. barbareaoides (Halácsy) A. Strid in *A. Strid (ed.), Mount. Fl. Greece*, 1: 257 (1986): *C. barbareaoides*.
×smejkalii P. Tomšovic in *Folia Geobot. Phytotax.*, 21(4): 430 (1986)—Czechoslovakia. (*C. matthiolii* × *pratensis* subsp. *pratensis*).
truncatolobata W.T. Wang in *Acta Bot. Yunnanica*, 9(1): 14 (1987)—China.
weixiensis W.T. Wang in *Acta Bot. Yunnanica*, 9(1): 9 (1987)—China.
- CARDIANDRA** (Hydrangeac.).
sinensis
var. moellendorffii (Hance) S.S. Ying, *Colour. Illustr. Pl. Taiwan, Pt. 4; Colour. Illustr. Herbac. Pl. Taiwan*, Vol. 1: 82 (1980): *Hydrangea moellendorffii*.

CAREX :-

- gentilis
var. *intermedia* Wang & Tang ex Y.C. Yang in *Fl. Xizangica*, 5: 408 (1987)—Xizang.
- glareosa
subsp. *soriofensis* (Lévl. & Vant.) D.R. McKean in *Notes Roy. Bot. Gard. Edinburgh*, 46(1): 116 (1989): C. *soriofensis*.
- globistylota P.C. Li in *Acta Bot. Yunnanica*, 12(2): 144 (1990)—China.
- gologongshanensis P.C. Li in *Acta Bot. Yunnanica*, 12(2): 140 (1990)—China.
- gonggaensis P.C. Li in *Acta Bot. Yunnanica*, 12(2): 147 (1990)—China.
- gongshanensis Tang & Wang ex Y.C. Yang in *Fl. Xizangica*, 5: 404 (1987)—China, Xizang.
- harlandii
var. *liuguensis* S.Y. Liang & D.Y. Liu in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 181 (1986)—China.
- hirticaulis P.C. Li in *Acta Bot. Yunnanica*, 12(2): 149 (1990)—China.
- humahuacaensis G.A. Wheeler in *Syst. Bot.*, 14(1): 37 (1989)—Argentina.
- huolushanensis P.C. Li in *Acta Bot. Yunnanica*, 12(2): 145 (1990)—China.
- impressinervia C.T. Bryson, R. Kral & J.R. Manhart in *Rhodora*, 89(860): 357 (1987)—U.S.A. (Alabama, Mississippi, N. Carolina).
- incomitata K.R. Thiele in *Muelleria*, 6(3-4): 201 (1986)—Australia (Victoria, New South Wales).
- ixtupalucensis A.A. Reznicek in *Syst. Bot.*, 11(1): 84 (1986)—Mexico.
- japonica C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 845 (1784)—Japan.†
- jiuhuaensis S.W. Su in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(4): 5 (1990)—China.
- khooii T.V. Egorova & L.V. Aver'yanov in *Novosti Sist. Vyssh. Rast.*, 26: 13 (1989)—Vietnam.
- kingii (Boott) A.A. Reznicek in *Canad. J. Bot.*, 68(7): 1419 (1990): *Uncinia kingii*.
- korkischkoae A.E. Kozhevnikov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 92(6): 128 (1987)—U.S.S.R. (Soviet Far East), ? China.
- lachenalii
subsp. *baetica* (Gay) M. Luceño & Muñoz Garmendia in *Fontqueria*, 11: 3 (1986): C. *lagopina* var. *baetica*.
- lainzii M. Luceño, E. Rico & T. Romero in *An. Jard. Bot. Madrid*, 44(2): 429 (1987)—Spain.
- lancibracteata A.E. Kozhevnikov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 92(6): 134 (1987)—U.S.S.R. (Soviet Far East), ? China.
- ligulata
var. *glabriuiculata* Q.S. Wang in *J. Wuhan Bot. Res.*, 5(4): 344 (1987)—China.
- longebracteata Hornem., *Hort. Hafn.*: 881 (1815); cf. *D.J. Mabberley in Taxon*, 33(3): 437 (1984)—Locality not stated.
- longii
var. *meridionalis* (Kük.) G.A. Wheeler in *Aliso*, 11(4): 536 (1987): C. *abolutescens* var. *meridionalis*.
- lucorum
var. *austro-lucorum* J.H. Rettig in *Sida*, 13(4): 449 (1989)—U.S.A. (North Carolina).
- macloviana
subsp. *subfusca* (W. Boott) T. Koyama in *Bishop Mus. Occas. Pap.*, 29: 118 (1989): C. *subfusca*.
- makuensis P.C. Li in *Acta Bot. Yunnanica*, 12(2): 139 (1990)—China.
- membranacea W.J. Hooker in *G.F. Lyon, Brief Narrative of Attempt to reach Repulse Bay, 1824*: 195 (1825)—Canada (N.W. Terr.).†
- minquiniensis Z.P. Wang in *Acta Bot. Yunnanica*, 11(2): 169 (1989)—China.
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- moorei G.A. Wheeler in *Syst. Bot.*, 13(2): 202 (1988)—Argentina, Chile.
- motuoensis Y.C. Yang in *Fl. Xizangica*, 5: 443 (1987)—Xizang.
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- nanelliformis A.E. Kozhevnikov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 92(6): 132 (1987)—U.S.S.R. (Soviet Far East).
- neodigyna P.C. Li in *Acta Bot. Yunnanica*, 12(2): 146 (1990)—China.
- neosachalinensis A.E. Kozhevnikov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 92(6): 131 (1987)—Sakhalin Is.
- nigra
subsp. *iberica* S. Rivas Martínez in *Fontqueria*, 24: 14 (1989)—Spain.
- novogaliciana A.A. Reznicek in *Contrib. Univ. Mich. Herb.*, 17: 284 (1990)—Mexico.
- omeiensis
var. *multifascula* Q.S. Wang in *J. Wuhan Bot. Res.*, 5(4): 343 (1987)—China.
- ouachitana R. Kral, J. Manhart & C.T. Bryson in *Ann. Missouri Bot. Gard.*, 74(2): 440 (1987)—U.S.A. (Arkansas, Oklahoma).
- ovatispiculata Wang & Y.L. Chang ex S.Y. Liang in *Acta Phytotax. Sin.*, 28(2): 155 (1990)—China.
- oxyandra
var. *pauzhetica* (A.E. Kozhevnikov) A.E. Kozhevnikov in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 3: 288 (1988): C. *pauzhetica*.
- pellens (Friedt) H. Harmaja in *Ann. Bot. Fenn.*, 23(2): 148 (1986): C. *digitata* var. *pellens*.
- pallida
var. *lithophiloides* A.E. Kozhevnikov in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 3: 381 (1988)—U.S.S.R. (Soviet Far East).
- paniculata
subsp. *calderae* (Hansen) K. Lewejohann & W. Lobin in *Senckenberg. Biol.*, 67(4-6): 438 (1987): C. *calderae*.
- subsp. *hansenii* K. Lewejohann & W. Lobin in *Senckenberg. Biol.*, 67(4-6): 440 (1987)—Cape Verde Is.
- pisanoi G.A. Wheeler in *Syst. Bot.*, 12(4): 579 (1987)—Chile.
- pleioneura G.A. Wheeler in *Aliso*, 11(4): 533 (1987)—Chile, Argentina.
- poepigii C.B. Clarke ex G.A. Wheeler in *Aliso*, 12(1): 97 (1988), nom. nov.: C. *lamprocarpa* var. *rotundata* Kük.
- polymascula P.C. Li in *Acta Bot. Yunnanica*, 12(2): 140 (1990)—China.
- pomiensis Y.C. Yang in *Fl. Xizangica*, 5: 408 (1987)—Xizang.
- pseudosabynensis (Egor.) A.E. Kozhevnikov in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 3: 266 (1988): C. *umbrosa* subsp. *pseudosabynensis*.
- pubicarpa (J. Rohlena) A.W. Hill in *Index Kewensis*, Supp. 6: 37 (1916-1920 publ. 1926): C. *glauca* var. *pubicarpa*.
- pubigluma A.A. Reznicek in *Contrib. Univ. Mich. Herb.*, 17: 282 (1990)—Mexico.
- pulchriifolia A.E. Kozhevnikov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 92(6): 133 (1987)—U.S.S.R. (Soviet Far East).
- pumila C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 846 (1784)—Japan.†
- purplevaginalis Q.S. Wang in *J. Wuhan Bot. Res.*, 5(4): 343 (1987)—China.
- qimenensis S.W. Su & S.M. Xu in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(1): 49 (1989)—China.
- qingyangensis S.W. Su & S.M. Xu in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 77 (1988)—China.
- qiyunensis S.W. Su & S.M. Xu in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(1): 50 (1989)—China.
- ridongensis P.C. Li in *Acta Bot. Yunnanica*, 12(2): 148 (1990)—Xizang.
- rochebrunii
subsp. *reptans* (Franch.) S.Y. Liang & Y.C. Tang in *Acta Phytotax. Sin.*, 28(2): 158 (1990): C. *remotae* var. *reptans*.
- sagaensis Y.C. Yang in *Fl. Xizangica*, 5: 439 (1987)—Xizang.
- sahnii N. Ghildyal & U.C. Bhattacharyya in *J. Econ. Taxon. Bot.*, 7(2): 447 (1985 publ. 1986), nom. nov.: C. *kingiana* Clarke.
- scolopendriiformis Wang & Tang ex P.C. Li in *Acta Bot. Yunnanica*, 12(2): 142 (1990)—China.

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- shuchengensis S.W. Su & Q. Zhang in *Acta Phytotax. Sin.*, 27(6): 465 (1989)—China.
- spongiifolia A.E. Kozhevnikov in *Bot. Zhurn.*, 72(12): 1660 (1987)—U.S.S.R. (Soviet Far East), ? China.
- stipitiutriculata P.C. Li in *Acta Bot. Yunnanica*, 12(2): 137 (1990)—China.
- striata
var. *erecta* (Dewey) C.F. Reed in *Phytologia*, 67(6): 453 (1989): C. *acuta* var. *erecta*.
- subspatheacea
subsp. *ramenskii* (Kom.) T.V. Egorova in *Bot. Zhurn.*, 75(6): 864 (1990): C. *ramenskii*.
- taihuensis S.W. Su & S.M. Xu in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(1): 51 (1989)—China.
- toroensis G.A. Wheeler in *Syst. Bot.*, 14(2): 182 (1989)—Chile.
- transandina G.A. Wheeler in *Brittonia*, 38(4): 317 (1986)—Chile.
- transcaucasica T.V. Egorova in *Novosti Sist. Vyssh. Rast.*, 26: 11 (1989)—U.S.S.R. (Caucasus).
- tristachya C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 845 (1784)—Japan.†
- truncatirostris S.W. Su & S.M. Xu in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(1): 45 (1989) China.
- f. *erostriis* S.W. Su & S.M. Xu in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(1): 47 (1989)—China.
- vallis-pulchrae
var. *barrosiana* G.A. Wheeler in *Syst. Bot.*, 14(2): 178 (1989)—Tierra del Fuego, Argentina, Falkland Is.
- viridula
var. *elatior* (Schlechtendal) W.J. Crins in *Canad. J. Bot.*, 67(4): 1058 (1989): C. *flava* var. *elatior*.
- var. *nevadensis* (Boissier & Reuter) W.J. Crins in *Canad. J. Bot.*, 67(4): 1060 (1989): C. *nevadensis*.
- var. *saxillitoralis* (Robertson) W.J. Crins in *Canad. J. Bot.*, 67(4): 1061 (1989): C. *saxillitoralis*.
- vixdentata (Kük.) G.A. Wheeler in *Aliso*, 12(1): 98 (1988): C. *extensa* var. *vixdentata*.
- vorobjevii A.E. Kozhevnikov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 92(6): 127 (1987)—U.S.S.R. (Soviet Far East), ? China.
- wahuensis
subsp. *herbstii* T. Koyama in *Bishop Mus. Occas. Pap.*, 29: 118 (1989)—Hawaiian Is.
- subsp. *rubiginosa* (R. Krauss) T. Koyama in *Bishop Mus. Occas. Pap.*, 29: 119 (1989): C. *wahuensis* var. *rubiginosa*.
- woroschilovii A.E. Kozhevnikov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 92(6): 128 (1987)—U.S.S.R. (Soviet Far East), ? China.
- xiangxiensis Z.P. Wang in *Acta Bot. Yunnanica*, 11(2): 168 (1989)—China.
- xuanchengensis S.W. Su & S.M. Xu in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(1): 48 (1989)—China.
- yuexiensis S.W. Su & S.M. Xu in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 78 (1988)—China.
- yulungshanensis P.C. Li in *Acta Bot. Yunnanica*, 12(2): 138 (1990)—China.
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- zunyiensis T. Tang & F.T. Wang in *Acta Phytotax. Sin.*, 24(3): 241 (1986)—China.

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- sect. *Holostigma* D.H. Lorence & R. Torres Colín in *Syst. Bot.*, 13(1): 109 (1988).
- cnidoscoloides* D.H. Lorence & R. Torres Colín in *Syst. Bot.*, 13(1): 107 (1988)—Mexico.

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- acanthifolia
subsp. *baetica* J. Fernández Casas & Leal in *J. Fernández Casas, Exsicc. nobis distrib.*, 3: 10 (1980)—Spain.
- baetica* (Fernández Casas & Leal) J. Fernández Casas in *Fontqueria*, 9: 19 (1985): C. *acanthifolia* subsp. *baetica*.
- brachylepis
var. *lanigera* (Faure & Maire) D.P. Petit in *Bull. Mus. Nation. Hist. Nat., B Adansoniana*, Ser. 4, 9(4): 421 (1987 publ. 1988): C. *involuta* var. *lanigera*.

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 frigida
 subsp. renatae H. Meusel & M. Dittrich in *Candollea*, 44(2): 534 (1989)—Lebanon.
 libanotica
 subsp. microcephala (Post) H. Meusel & M. Dittrich in *Candollea*, 44(2): 534 (1989): C. libanotica var. microcephala.
 texeda A. Marrero in *Bot. Macaronésica*, 18: 71 (1989)—Canary Is.
- CARLOWRIGHTIA** (Acanthac.).
 fuertensis T.F. Daniel in *Brittonia*, 40(3): 246 (1988)—Mexico.
 huicholiana T.F. Daniel in *Brittonia*, 40(3): 249 (1988)—Mexico.
 neesiana (Schauer ex Nees) T.F. Daniel in *Brittonia*, 40(3): 252 (1988): *Cardianthus neesianus*.
- CARLUDOVICA** (Cyclanthac.).
 sulcata B.E. Hammel in *Phytologia*, 60(1): 8 (1986)—Costa Rica, Nicaragua.
- CARMINATIA** (Compos.).
 anomala B.L. Turner in *Pl. Syst. Evol.*, 160(3-4): 173 (1988)—Mexico.
- CARNEGIEA** (Cactac.).
 polylopha (DC.) D. Hunt in *Bradleya*, 6: 100 (1988): *Cereus polylophus*.
- CAROXYLON** (Chenopodiace.).
 hispidulum A. Bunge, *Beitr. Fl. Russl.*: 293 (1852)—U.S.S.R. (Middle Asia).†
- CARPAOCO** (Rubiace.).
 burchellii C. Puff in *Fl. S. Afr.*, 31(1:2): 59 (1986)—South Africa (Cape Province).
 curvifolia C. Puff in *Fl. S. Afr.*, 31(1:2): 57 (1986)—South Africa (Cape Province).
 gigantea C. Puff in *Fl. S. Afr.*, 31(1:2): 56 (1986)—South Africa (Cape Province).
 scabra
 subsp. rupestris C. Puff in *Fl. S. Afr.*, 31(1:2): 59 (1986)—South Africa (Cape Province).
 spermacoea
 subsp. orientalis C. Puff in *Fl. S. Afr.*, 31(1:2): 56 (1986)—South Africa (Cape Province).
- × **CARPENTERARA** hort. in *Orchid Rev.*, 95(1123): centre page pull-out p. 9 (1987). *ORCHIDACEAE*. (Baptistonia × *Odontoglossum* × *Oncidium*).
- CARPESIUM** (Compos.).
 nepalense
 var. ciliatum (Hook. f.) S. Kumar in *R.R. Rao et al., Fl. Ind. Enumerat. - Asterac.*: 21 (1988): C. cernuum var. ciliatum.
 var. griffithii (Hook. f.) S. Kumar in *R.R. Rao et al., Fl. Ind. Enumerat. - Asterac.*: 21 (1988): C. cernuum var. griffithii.
 var. nilagiricum (Clarke) S. Kumar in *R.R. Rao et al., Fl. Ind. Enumerat. - Asterac.*: 22 (1988): C. cernuum var. nilagiricum.
 var. pedunculosa (Clarke) S. Kumar in *R.R. Rao et al., Fl. Ind. Enumerat. - Asterac.*: 22 (1988): C. cernuum var. pedunculosa.
- CARPHALEA** (Rubiace.).
 kironרון
 subsp. geayi (Homolle) C. Puff in *Bull. Jard. Bot. Nation. Belg.*, 58(3-4): 302 (1988): C. geayi.
 somaliensis C. Puff in *Bull. Jard. Bot. Nation. Belg.*, 58(3-4): 297 (1988)—Somali Republic.
- CARPHOCHAETE** (Compos.).
 durangensis Grashoff ex B.L. Turner in *Phytologia*, 64(2): 153 (1987)—Mexico.
 pringlei (S. Wats.) Grashoff ex B.L. Turner in *Phytologia*, 64(2): 158 (1987): *Stevia pringlei*.
 var. simulans (B.L. Rob.) B.L. Turner in *Phytologia*, 64(2): 159 (1987): *Stevia simulans*.
- CARPINUS** (Corylac.).
 caroliniana
 subsp. virginiana (Marshall) J.J. Furlow in *Syst. Bot.*, 12(3): 429 (1987): C. betulus virginiana.
- CARPINUS** :-
 caucasica A.A. Grossheim in *Izv. Azerbaïdzhansk. Fil. Akad. Nauk SSSR*, 1940(5): 34 (1940)—U.S.S.R. (Caucasus), Iran.
 dayongina K.W. Liu & Q.Z. Lin in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 143 (1986)—China.
 henryana
 var. oblongifolia (Hu) K. Rushforth in *Plantsman*, 8(4): 249 (1987): C. turczaninowii var. oblongifolia.
 var. simplicidentata (Hu) K. Rushforth in *Plantsman*, 8(4): 249 (1987): C. simplicidentata.
 kawakamii
 var. minutiserrata (Hayata) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 3: 271 (1988): C. minutiserrata.
 luochengensis J.Y. Liang in *Guihaia*, 6(4): 275 (1986)—China.
 shensiensis
 var. paucineura S.C. Qu & K.Y. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 111 (1988)—China.
 tropicalis
 subsp. mexicana J.J. Furlow in *Syst. Bot.*, 12(3): 431 (1987)—Mexico.
- CARPOBROTUS** (Aizoac.).
 edulis
 var. chrysophthalmus C.D. Preston & P.D. Sell in *Watsonia*, 17(3): 238 (1989)—Great Britain.
- CARRUTHERSIA** (Apocynac.).
 macrantha A.C. Smith in *Fl. Vitiensis Nova*, 4: 80 (1988)—Fiji.
- CARTERELLA** E.E. Terrell in *Brittonia*, 39(2): 250 (1987). *RUBIACEAE*.
 alexandrae (A. Carter) E.E. Terrell in *Brittonia*, 39(2): 250 (1987): *Bouvardia alexandrae*.
- CARTHAMUS** (Compos.).
 tamamschjanæ E. Ts. Gabriélyan in *Fl., Rast. i Rast. Res. Arm. SSR (Sborn. Nauch. Trud.)*, 10: 21 (1987)—U.S.S.R. (Caucasus).
- CARUM** (Umbellif.).
 flexuosum (With.) Sweet, *Hort. Brit.*, ed. 2: 246 (1830); cf. D.J. Mabberley in *Taxon*, 31(1): 70 (1982): Basionym not stated.
 graecum
 subsp. serpentinicum P. Hartvig in A. Strid (ed.), *Mount. Fl. Greece*, 1: 700 (1986)—Greece, Jugoslavia, ?Albania.
 rigidulum
 subsp. bulgaricum P. Hartvig in A. Strid (ed.), *Mount. Fl. Greece*, 1: 698 (1986)—Greece, Bulgaria, Jugoslavia.
 subsp. palmatum P. Hartvig in A. Strid (ed.), *Mount. Fl. Greece*, 1: 699 (1986)—Greece, ?Bulgaria.
 rupicola P. Hartvig & A. Strid in *Bot. Jahrb.*, 108(2-3): 302 (1987)—Turkey.
- CARYA** (Juglandac.).
 dabieshanensis M.C. Liu & Z.J. Li in *J. Zhejiang Forest. Coll.*, 1(1): 41 (1984), with two types cited—China.
- CARYOCAR** (Caryocarac.).
 harlingii G.T. Prance & F. Encarnación in *Op. Bot.*, 92: 182 (1987)—Peru, Colombia.
- CARYODAPHNOPSIS** (Laurac.).
 burgeri N. Zamora V. & L.J. Poveda A. in *Ann. Missouri Bot. Gard.*, 75(3): 1160 (1988)—Costa Rica.
 cogolloi H. van der Werff in *Ann. Missouri Bot. Gard.*, 75(2): 407 (1988)—Colombia.
 fosteri H. van der Werff in *Syst. Bot.*, 11(3): 415 (1986)—Peru, Ecuador.
- CARYOPTERIS** (Verbenac.).
 jinshajiangensis Y.K. Yang & X.D. Cong in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(1): 45 (1990)—China.
- CASIMIROA** (Rutac.).
 greggii (S. Watson) F. Chiang in *Taxon*, 38(1): 116 (1989): *Sargentia greggii*.
- CASSIA** (Legumin.).
 acuta Meyen ex T. Vogel, *Syn. Gen. Cassiae*: 42 (1837)—Chile.†
 burmanni Wall. in *Trans. Med. Phys. Soc. Calcutta*, 8: 164 (1836), non DC (1825); cf. D.J. Mabberley in *Taxon*, 30(1): 9 (1981)—Locality not stated.
 davidsonii V. Singh in *J. Econ. Taxon. Bot.*, 10(2): 321 (1987 publ. 1988)—India.
 floribunda
 var. pubescens V. Singh in *J. Econ. Taxon. Bot.*, 10(2): 326 (1987 publ. 1988)—India.
 indochinensis (Gagnep.) V. Singh in *J. Econ. Taxon. Bot.*, 10(2): 327 (1987 publ. 1988): C. javanica var. indochinensis.
 italica (Mill.) Sprengel, *Bot. Gart. Univ. Halle*: 21 (1800); cf. D.J. Mabberley in *Taxon*, 30(1): 9 (1981): *Senna italica*.
 nilgirica V. Singh in *J. Econ. Taxon. Bot.*, 10(2): 323 (1987 publ. 1988)—India.
 nodosa F. Buchanan-Hamilton in *Mem. Wern. Soc.*, 6: 312 (1 January 1832); fide D.J. Mabberley in *Taxon*, 26(5-6): 529 (1977)—India.
 porturegalis E.N. Bancroft in *Jamaica Courant*: 13-17 (Nov. 1827) et in *Roy. Gaz.*, 49(46): 22 (1827); cf. D.J. Mabberley in *Taxon*, 30(1): 9 (1981)—?Jamaica.
 sumatrana Roxb. ex Hornem., *Hort. Hafn., Suppl.*: 135 (1819); cf. D.J. Mabberley in *Taxon*, 33(3): 437 (1984)—Locality not stated.
 telfairiana (Hook. f.) R.M. Polhill in *Kew Bull.*, 41(4): 810 (1986): C. mimosoides var. telfairiana.
 umbellata Bertol., *Syll. Pl. Hort. Bot. Bonon.*, 1827: 4 (1827); cf. D.J. Mabberley in *Taxon*, 32(1): 82 (1983)—Locality not stated.
- CASSINE** (Celastrac.).
 albens (Retz.) A.J.G.H. Kostermans in *Gard. Bull. Singapore*, 39(2): 178 (1986 publ. 1987): *Schrebera albens*.
 balae A.J.G.H. Kostermans in *Gard. Bull. Singapore*, 39(2): 185 (1986 publ. 1987)—Sri Lanka.
 congylos A.J.G.H. Kostermans in *Gard. Bull. Singapore*, 39(2): 187 (1986 publ. 1987)—Sri Lanka.
 grossa (Wall. ex Roxb.) A.J.G.H. Kostermans in *Gard. Bull. Singapore*, 39(2): 178 (1986 publ. 1987): *Euonymus grossa*.
 koordersii A.J.G.H. Kostermans in *Gard. Bull. Singapore*, 39(2): 188 (1986 publ. 1987)—Java.
 obiensis A.J.G.H. Kostermans in *Gard. Bull. Singapore*, 39(2): 190 (1986 publ. 1987)—Moluccas.
- CASSINIA** (Compos.).
 rugata N.G. Walsh in *Muelleria*, 7(2): 141 (1990)—Australia (Victoria).
- CASSIOPE** (Ericac.).
 fujianensis L.K. Ling & G.S. Hoo in *Fl. Fujianica*, 4: 633 (1989 publ. 1990)—China.
- CASSIPOUREA** (Rhizophorac.).
 subgen. Dinklageoheiha (Engl.) J.-J. Floret in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 10(1): 36 (1988): *Weihea* sect. *Dinklageoheiha*.
 subgen. Pumuloweiha J.-J. Floret in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 10(1): 42 (1988).
 subgen. Zenkeroweiha (Engl.) J.-J. Floret in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 10(1): 39 (1988): *Weihea* sect. *Zenkeroweiha*.
 acuminata L. Liben in *Bull. Jard. Bot. Nation. Belg.*, 56(1-2): 139 (1986)—Zaire, Gabon.
 evrardii J.J. Floret in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 447 (1986)—Zaire.
 louisii L. Liben in *Bull. Jard. Bot. Nation. Belg.*, 56(1-2): 140 (1986)—Zaire, Gabon, Rwanda, Burundi.
 pumila J.-J. Floret in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 10(1): 39 (1988)—Gabon.

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- ser. *Argyrophyllae* W.C. Cheng & S. Duanmu in *Bull. Forest Pl. Res.*, 4: 7 (1988).
- ser. *Callaeocarpus* (Miq.) W.C. Cheng & S. Duanmu in *Bull. Forest Pl. Res.*, 4: 9 (1988), without basionym ref.: Basionym not stated.
- ser. *Carlesanae* W.C. Cheng & S. Duanmu in *Bull. Forest Pl. Res.*, 4: 6 (1988).
- ser. *Chinenses* W.C. Cheng & S. Duanmu in *Bull. Forest Pl. Res.*, 4: 5 (1988).
- subsect. *Chlamylobalanus* (Endl.) W.C. Cheng & S. Duanmu in *Bull. Forest Pl. Res.*, 4: 8 (1988): *Quercus* B. *Chlamylobalanus*.
- ser. *Concinnae* W.C. Cheng & S. Duanmu in *Bull. Forest Pl. Res.*, 4: 4 (1988).
- subsect. *Echinocastanopsis* (Cheng & C.S. Chao) W.C. Cheng & S. Duanmu in *Bull. Forest Pl. Res.*, 4: 3 (1988), based on superfl. name which is a nom. nov. for an invalid name: C. sect. *Echinocastanopsis*.
- sect. *Fissae* W.C. Cheng & C.S. Chao in *Bull. Forest Pl. Res.*, 4: 10 (1988), nom. nov., without replaced synonym ref.: Replaced synonym not stated.
- subgen. *Limlia* (Masamune & Tomiya) W.C. Cheng & S. Duanmu in *Bull. Forest Pl. Res.*, 4: 9 (1988): gen. *Limlia*.
- ser. *Mekongenses* S. Duanmu in *Bull. Forest Pl. Res.*, 4: 5 (1988).
- sect. *Multiflorae* S. Duanmu in *Bull. Forest Pl. Res.*, 4: 8 (1988).
- subgen. *Pseudocastanopsis* (Hickel & A. Camus) W.C. Cheng & S. Duanmu in *Bull. Forest Pl. Res.*, 4: 9 (1988): *Pasania* subgen. *Pseudocastanopsis*.
- ser. *Rhamnifoliae* S. Duanmu in *Bull. Forest Pl. Res.*, 4: 7 (1988).
- ser. *Rockanae* S. Duanmu in *Bull. Forest Pl. Res.*, 4: 8 (1988).
- amabilis* W.C. Cheng & C.S. Chao in *Sci. Silvae Sin.*, 8(1): 5 (1963)—China.
- carlesii*
- var. *taiwanensis* C.F. Shen in C.F. Shen & T.S. Liu, *Taxon. & Pollen Morph. Fagaceae Taiwan*: 9 (1984)—Taiwan.
- chunii* W.C. Cheng in *Sci. Silvae Sin.*, 8(1): 5 (1963)—China.
- cuspidata*
- var. *carlesii* (Hemsley) T. Yamazaki in *J. Jap. Bot.*, 62(11): 333 (1987): *Quercus carlesii*.
- var. *longicaudata* (Hayata) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 3: 222 (1988): *Quercus longicaudata*.
- damingshanensis* S.L. Mo ex C.C. Huang & Y.T. Chang in *Guihaia*, 10(1): 3 (1990), contrary to Art. 37.5 ICBN (1988)—China.
- negrescens* Chun & C.C. Huang in *Guihaia*, 10(1): 4 (1990), contrary to Art. 37.5 ICBN (1988)—China.
- eyrei*
- var. *brachyacantha* (Hay.) C.F. Shen in C.F. Shen & T.S. Liu, *Taxon. & Pollen Morph. Fagaceae Taiwan*: 11 (1984): C. *brachyacantha*.
- globigemmata* Chun & C.C. Huang in *Guihaia*, 10(1): 1 (1990), contrary to Art. 37.5 ICBN (1988)—China.
- hamata* S. Duanmu in *Sci. Silvae Sin.*, 8(2): 188 (1963)—Hainan.
- hupenhensis* C.S. Chao in *Sci. Silvae Sin.*, 8(2): 187 (1963)—China.
- jianfenglingensis* S. Duanmu in *Sci. Silvae Sin.*, 8(2): 187 (1963)—Hainan.
- ledongensis* C.C. Huang & Y.T. Chang in *Guihaia*, 10(1): 5 (1990), contrary to Art. 37.5 ICBN (1988)—Hainan.
- oblongifolia* W.C. Cheng & C.S. Chao in *Sci. Silvae Sin.*, 8(2): 186 (1963)—China.
- rufescens* (Hook. f. & Th.) C.C. Huang & Y.T. Chang in *Guihaia*, 10(1): 6 (1990), basionym not validly publ.: *Quercus rufescens*.
- sessilis* (Nakai) C.F. Shen in C.F. Shen & T.S. Liu, *Taxon. & Pollen Morph. Fagaceae Taiwan*: 15 (1984): C. *carlesii* var. *sessilis*.
- siamensis* S. Duanmu in *Sci. Silvae Sin.*, 8(2): 189 (1963)—Thailand.
- sieboldii*
- var. *lutchuensis* (Koidz.) T. Yamazaki & S. Mashiba in *J. Jap. Bot.*, 62(11): 335 (1987): *Lithocarpus lutchuensis*.
- subsp. *lutchuensis* (Koidz.) H. Ohba in *J. Jap. Bot.*, 64(11): 324 (1989): *Lithocarpus lutchuensis*.

CASTANOPSIS :-

- subuliformis* Chun & C.C. Huang in *Guihaia*, 10(1): 7 (1990), contrary to Art. 37.5 ICBN (1988)—China.
- wenchangensis* G.A. Fu & C.C. Huang in *Acta Phytotax. Sin.*, 27(2): 151 (1989)—Hainan.
- xichouensis* C.C. Huang & Y.T. Chang in *Guihaia*, 10(1): 2 (1990)—China.

CASTILLEJA (Scrophulariac.).

- olgae* A.P. Khokhryakov in *Biol. Rast. i Fl. Sev. Dal'n. Vostok*. (ed. M.T. Mazurenko): 16 (1981)—U.S.S.R. (Soviet Far East).
- parvula*
- var. *revelii* (N. Holmgren) N.D. Atwood in *Great Basin Nat.*, 46(2): 260 (1986): C. *revelii*.
- rhexifolia*
- var. *sulphurea* (Rydb.) N.D. Atwood in *Great Basin Nat.*, 46(2): 260 (1986): C. *sulphurea*.
- socorrrensis* R. Moran in *Levin & Moran, Vasc. Fl. Isla Socorro, Mexico (Mem. San Diego Soc. Nat. Hist.* 16): 52 (1989)—Revilla Gagedo Is.

CASUARINA Linnaeus, *Amoen. Acad.*, 4: 123, 143 (1759). **CASUARINACEAE**. †

- cunninghamiana*
- subsp. *miodon* L.A.S. Johnson in *Fl. Australia*, 3: 200, 107 (1989)—Australia (N. Terr., Queensland).
- muricata* Roxb. ex Hornem., *Hort. Hafn., Suppl.*: 161 (1819); cf. D.J. Mabberley in *Taxon*, 33(3): 437 (1984)—Locality not stated.
- pauper* F. Muell. ex L.A.S. Johnson in *Fl. Australia*, 3: 202, 110 (1989)—Australia (S. Australia, W. Australia, New South Wales, Victoria).

CATABROSA (Gramin.).

- angusta* (Stapf) L. Liou in *Fl. Xizangica*, 5: 141 (1987): C. *aquatica* var. *angusta*.

CATABROSELLA (Gramin.).

- sect. *Himalaica* (Tzvel.) E.B. Alekseev in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(5): 108 (1988): *Colpodium* sect. *Himalaica*.
- subgen. *Nevskia* (Tzvel.) E.B. Alekseev in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(5): 98 (1988): *Colpodium* subgen. *Nevskia*.
- sect. *Variiegata* (Nevskii) E.B. Alekseev in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(5): 99 (1988): *Colpodium* ser. *Variiegata*.
- parviflora* (Boiss. & Buhse) Czop. ex E.B. Alekseev in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(5): 107 (1988), isonym; see R.R. Mill in *Fl. Turkey & E. Aegean Is.*, 9: 496 (1985): *Colpodium parviflorum*.
- subsp. *calvertii* (Boiss.) E.B. Alekseev in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(5): 107 (1988), isonym; see R.R. Mill in *Fl. Turkey & E. Aegean Is.*, 9: 496 (1985): *Colpodium calvertii*.
- subornata* E.B. Alekseev in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(5): 105 (1988)—U.S.S.R. (Caucasus).
- variegata*
- var. *leiantha* (Hack.) E.B. Alekseev in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(5): 103 (1988), isonym; see R.R. Mill in *Fl. Turkey & E. Aegean Is.*, 9: 496 (1985): *Colpodium leianthum*.

CATANANCHE (Compos.).

- arenaria*
- var. *dimorpha* A. Dobignard in *Saussurea*, 19: 118 (1988 publ. 1989)—Morocco.

CATANATHERA (Melastomatac.).

- tawaensis* (Merr.) J.C. Regalado in *Blumea*, 35(1): 64 (1990): *Medinilla tawaensis*.

×CATASANDRA hort. in *Orchid Rev.*, 95(1129): centre page pull-out p. 10 (1987). **ORCHIDACEAE**. (Catasetum × Galeandra).**CATASETUM** (Orchidac.).

- sect. *Anisoceras* (Mansf.) K. Senghas in *Orchidee*, 41(6): 215 (1990): C. subsect. *Anisoceras*.
- subsect. *Convergentes* H.D. Bicalho & F. de Barros in *Lindleyana*, 3(2): 88 (1988).
- subsect. *Divariicatae* H.D. Bicalho & F. de Barros in *Lindleyana*, 3(2): 92 (1988).
- sect. *Isoceras* (Mansf.) K. Senghas in *Orchidee*, 41(6): 215 (1990): C. subsect. *Isoceras*.

CATASETUM :-

- subgen. *Pseudocatasetum* (Rolfe) K. Senghas in *Orchidee*, 41(6): 215 (1990): C. sect. *Pseudocatasetum*.
- cochabambanum* C.H. Dodson & R. Vásquez Ch. in *IC. Pl. Trop.*, Ser. 2, 3: 207 (1989)—Bolivia.
- denticulatum* F.E. Miranda in *Lindleyana*, 1(3): 152 (1986)—Brazil.
- ×*dunstervillei* G.A. Romero & G. Carnevali in *Ann. Missouri Bot. Gard.*, 76(2): 458 (1989)—Venezuela. (C. *discolor* × *pileatum*).
- gomezii* G.A. Romero & G. Carnevali in *Ann. Missouri Bot. Gard.*, 76(2): 455 (1989)—Venezuela.
- jarae* C.H. Dodson & D.E. Bennett in *IC. Pl. Trop.*, Ser. 2, 1: t. 17 (1989)—Peru.
- kempfi* C.H. Dodson & R. Vásquez Ch. in *IC. Pl. Trop.*, Ser. 2, 4: t. 308 (1989)—Bolivia.
- lanceatum* F.E. Miranda in *Lindleyana*, 1(3): 148 (1986)—Brazil.
- merchae* G.A. Romero in *Selbyana*, 10(1): 73 (1987 publ. 1988)—Venezuela.
- multifidum* F.E. Miranda in *Lindleyana*, 1(3): 154 (1986)—Brazil.
- nanayanum* C.H. Dodson & D.E. Bennett in *IC. Pl. Trop.*, Ser. 2, 1: t. 18 (1989)—Peru.
- parguazense* G.A. Romero & G. Carnevali in *Ann. Missouri Bot. Gard.*, 76(2): 457 (1989)—Venezuela.
- peruvianum* C.H. Dodson & D.E. Bennett in *IC. Pl. Trop.*, Ser. 2, 1: t. 19 (1989)—Peru.
- schunkei* C.H. Dodson & D.E. Bennett in *IC. Pl. Trop.*, Ser. 2, 1: t. 20 (1989)—Peru.
- semicirculatum* F.E. Miranda in *Lindleyana*, 1(3): 156 (1986)—Brazil.
- trautmannii* K. Senghas in *Orchidee*, 41(6): 216 (1990)—Peru.

CATHA (Celastrac.).

- abbottii* A.E. van Wyk & M. Prins in *S. Afr. J. Bot.*, 53(3): 202 (1987)—South Africa (Cape Province, Natal).
- edulis* (Vahl) S. Endlicher, *Enchiridion Bot.*: 575 (1841): *Celastrus edulis*. †

CATHARTOCARPUS (Legumin.).

- erubescens* W. Hamilton in *Pharm. J.*, 5: 119 (1845); cf. D.J. Mabberley in *Taxon*, 30(1): 10 (1981)—?Jamaica.

CATOBLASTUS (Palmae).

- distichus* R. Bernal-Gonzalez in *Principes*, 30(1): 38 (1986)—Colombia.
- inconstans* (Dugand) Glassman ex R. Bernal-Gonzalez in *Principes*, 30(1): 41 (1986), combination validly publ. in 1972: *Catostigma inconstans*.

CATOFERIA (Labiata).

- martinezii* T.P. Ramamoorthy in *Kew Bull.*, 41(2): 303 (1986)—Mexico.

CATOSTEMMA (Bombacac.).

- clarkii* J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 638 (1987)—Venezuela.
- ebracteolatum* J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 641 (1987)—Venezuela.
- hirsutulum* J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 642 (1987)—Venezuela.
- marahuacense* J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 643 (1987)—Venezuela.
- pustulatum* J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 643 (1987)—Venezuela.
- sancarlosianum* J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 644 (1987)—Venezuela.

CATTLEYA (Orchidac.).

- bicolor*
- var. *canastrensis* L.C. Menezes in *Brasil Florest.*, 14(61): 46 (1987), without type—Brazil.
- labiata*
- var. *albo-oculata* (Cogn.) J.A. Fowlie in *Orchid Dig.*, 51(3): 111 (1987): C. *labiata* f. *albo-oculata*.
- var. *albo-oculata* (Cogn.) L.C. Menezes in *Orchid Dig.*, 51(3): 138 (1987): C. *labiata* f. *albo-oculata*.
- var. *purpureostriata* (Cogn.) L.C. Menezes in *Orchid Dig.*, 51(3): 138 (1987): C. *labiata* f. *purpureostriata*.

CATTLEYA :-

- mendelii*
var. *morganae* (Warner & Williams) G.J. Braem, *Cattleya II, Unifoliate Cattleyas*: 58 (1986); C. *morganae*.
mooreana C.L. Withner, Allison & Guenard in C.L. Withner, *Cattleyas & Relatives*, 1: 95 (1988)—Peru.
mossiae
var. *wagneri* (Rchb. f.) G.J. Braem, *Cattleya II, Unifoliate Cattleyas*: 65 (1986), without basionym page: C. *wagneri*.
motac L.C. Menezes ex A.B. Gomes Ferreira in *Orchidophile*, 83: 176 (1988)—Brazil.
tenuis M.A. Campacci & P.L. Vedovello in *Circulo Paulista de Orquidófilos*, 1: 1-3 (1983); cf. J.A. Fowlie in *Orchid Dig.*, 50(4): 151 (1986); et C.L. Withner, *Cattleyas & Relatives*, 1: 115 (1988)—Brazil.
trichopiliocchila
var. *virginialis* (Linden & André) G.J. Braem, *Cattleya II, Unifoliate Cattleyas*: 84 (1986); C. *virginialis*.

CAUCALIS (Umbellif.).

- gummifera* (Lam.) Lag., *Elenchus*: 3 (1816); cf. D.J. Mabberley in *Taxon*, 31(1): 70 (1982); Basionym not stated.
lucida (L.) Lag., *Elenchus*: 3 (1816); cf. D.J. Mabberley in *Taxon*, 31(1): 70 (1982); Basionym not stated.

CAULARTHON (Orchidac.).

- kraenzlinianum* H.G. Jones in *Carib. J. Sci.*, 16(1-4): 119 (1980 publ. 1981)—Windward Is.

CAULINIA (Najadac.).

- alagnensis* Poll., *Cat. Pl. Hort. Bot. Veron.*, 1814: 13 (1814); cf. D.J. Mabberley in *Taxon*, 33(3): 441 (1984)—Locality not stated.
orientalis (Triest & Uotila) N.N. Tsvetlev in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 2: 344 (1987); Najas *orientalis*.

CAVENDISHIA (Ericac.).

- chocoensis*
var. *hirsuta* J.L. Luteyn in *Op. Bot.*, 92: 113 (1987)—Colombia.
spectabilis Bull., *Cat. 1889*: 7 (1889); cf. D.J. Mabberley in *Taxon*, 34(3): 456 (1985)—Locality not stated.

CAYLUSEA (Resedac.).

- jaberi* S. Abedin in *Willdenowia*, 15(2): 433 (1986)—Saudi Arabia.

CAYRATIA (Vitac.).

- cardiophylla* B.R. Jackes in *Austrobaileya*, 2(4): 371 (1987)—Australia (Queensland).
kiujiangensis C.Y. Wu in *Fl. Xizangica*, 3: 228 (1986)—China, Xizang.
longzhouensis W.T. Wang in *Guihaia*, 8(2): 115 (1988)—China.
maritima B.R. Jackes in *Austrobaileya*, 2(4): 366 (1987)—Australia (Queensland, N. Terr.).
neurosa (Kurz) H.N. Naithani, *Flow. Pl. India, Nepal & Bhutan*: 98 (1990); Vitis *neurosa*.

CEANOTHUS (Rhamnac.).

- greggii*
subsp. *perplexans* (Trelease) R.M. Beauchamp in *Phytologia*, 59(7): 440 (1986); C. *perplexans*.
roweanus (McMinn) M. van Rensselaer, *Ceanothus Part I*: 83 (1942); C. *papillosus* var. *roweanus*.

CECROPIA (Cecropiac.).

- granvilleana* C.C. Berg in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 7(3): 255 (1985 publ. 1986)—French Guiana.

CEDRELOPSIS (Ptaeroxylac.).

- ambanjensis* J.F. Leroy in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 12(1): 47 (1990)—Madagascar.
gracilis J.F. Leroy in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 12(1): 48 (1990)—Madagascar.

CEDRELOPSIS :-

- longibracteata* J.F. Leroy in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 12(1): 50 (1990)—Madagascar.
microfoliolata J.F. Leroy in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 12(1): 52 (1990)—Madagascar.
procera J.F. Leroy in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 12(1): 55 (1990)—Madagascar.

CEDRUS (Pinac.).

- libani*
subsp. *deodara* (D. Don) P.D. Sell in *Watsonia*, 18(1): 92 (1990); Pinus *deodara*.
f. *glauca* P.D. Sell in *Watsonia*, 18(1): 92 (1990), nom. nov.: C. *atlantica* var. *glauca* Carrière.

CEIBA (Bombacac.).

- insignis* (Kunth) P.E. Gibbs & J. Semir in *Notes Roy. Bot. Gard. Edinburgh*, 45(1): 134 (1988); *Chorisia insignis*.

CELASTRUS (Celastrac.).

- alatus* C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 237 (1784)—Japan.†
glaucophyllus
var. *rugosus* (Rehd. & Wils.) C.Y. Wu ex Y.C. Ho in *Fl. Tsinglingensis*, 1(3): 212 (1981); C. *rugosus*.
orbiculatus C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 237 (1784)—Japan.
punctatus C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 237 (1784)—Japan.†
rosthornianus
var. *loeseneri* (Rehd. & Wils.) C.Y. Wu ex Y.C. Ho in *Fl. Tsinglingensis*, 1(3): 213 (1981); C. *loeseneri*.
striatus C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 237 (1784)—Japan.†
umbellatus R. Brown in C.L. von Buch, *Phys. Besch. Canar. Ins.*: 198 (1825); cf. D.J. Mabberley in *Bot. Macaronesica*, 6: 62 (1980)—Madeira.

CELSIA (Scrophulariac.).

- coccinea* (Willd.) Parmentier, *Cat. Pl. Enghien*: 17 (1818); cf. D.J. Mabberley in *Taxon*, 33(3): 441 (1984); Basionym not stated.
coromandelina Koen. ex Roitb., *Pl. Hort. Univ. Rar. Prog.*: 29 (1773); cf. D.J. Mabberley in *Taxon*, 33(3): 438 (1984)—Locality not stated.
parviflora J. Decaisne in *Ann. Sci. Nat.*, Ser. 2, 2: 254 (1834)—Sinai.†

CELTIS (Ulmac.).

- conferta*
subsp. *amblyphylla* (F. Mueller) P.S. Green in *J. Arnold Arbor.*, 67(1): 120 (1986); C. *amblyphylla*.
pallida
var. *discolor* A.T. Hunziker & N.M. Dottori in *Kurtziana*, 9: 130 (1976)—Argentina.

CENCHRUS (Gramin.).

- robustus* R.D. Webster, *Australian Paniceae* (Poac.): 27 (1987)—Australia (Queensland).

CENTAUREA (Compos.).

- nothosect.* *Borcea* J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 7: 7 (1985), contrary to Art. H9.1 ICBN (1983).
nothosect. *Chamaecentron* J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 1: 2 (1982). (C. sect. *Acrocentron* × sect. *Chamaecyanus*).
subsect. *Chamaecyanus* J. Fernández Casas & A. Susanna de la Serna in *Treb. Inst. Bot. Barcelona*, 10: 60 (1985 publ. 1986).
subsect. *Lagascanae* J. Fernández Casas & A. Susanna de la Serna in *Treb. Inst. Bot. Barcelona*, 10: 93 (1985 publ. 1986).
nothosect. *Lophocyanus* J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 1: 1 (1982). (C. sect. *Chamaecyanus* × sect. *Lopholoma*).

alba

- var. *ciliata* Font Quer ex O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 92 (1987 publ. 1988)—Spain.
var. *costae* (Willk.) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 91 (1987 publ. 1988); C. *costae*.

CENTAUREA :-

- var. *maluqueri* (Font Quer) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 91 (1987 publ. 1988); C. *costae* var. *maluqueri*.
var. *montsiciana* (Pau & Font Quer ex Font Quer) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 92 (1987 publ. 1988); C. *costae* var. *montsiciana*.
subsp. *montsiciana* (Pau & Font Quer) A.M. Romo i Diez, *Fl. Veg. Montsec (Pre-Pirineus Catalans)*: 304 (1989); C. *costae* var. *montsiciana*.
albertii F. Rexhepi in *Fl. SR Srbije*, 10: 351 (1986)—Jugoslavia.
amblensis
var. *tentudaica* (Rivas Goday) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 1: 1 (1982); C. *toletana* subsp. *tentudaica*.
× *andresiana* J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 1: 1 (1982)—Spain. (C. *scabiosa* × *toletana* var. *argencillensis*).
araxina E. Ts. Gabrielyan in *Novosti Sist. Vyssh. Rast.*, 25: 169 (1988)—U.S.S.R. (Caucasus).
balbisiana A. Soldano in *Atti Soc. Ital. Sci. Nat. Mus. Civ. Stor. Nat. Milano*, 127(3-4): 217 (1986), nom. nov.: C. *procumbens* Balbis.
boissieri
subsp. *beltranii* (Pau) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 92 (1987 publ. 1988); C. *tenuifolia* subsp. *beltrani*.
var. *beltranii* (Pau) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 92 (1987 publ. 1988); C. *tenuifolia* subsp. *beltrani*.
var. *dufourii* (Dostál) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 92 (1987 publ. 1988); C. *boissieri* subsp. *dufourii*.
var. *humilis* (Pau) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 92 (1987 publ. 1988); C. *spachii* var. *humilis*.
subvar. *integrifolia* (Willk.) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 93 (1987 publ. 1988); C. *tenuifolia* var. *integrifolia*.
subsp. *lagascae* (Nyman) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 92 (1987 publ. 1988); C. *lagascae*.
var. *macrocephala* (Blanca) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 93 (1987 publ. 1988); C. *rouy* var. *macrocephala*.
var. *mariolensis* (Rouy) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 93 (1987 publ. 1988); C. *mariolensis*.
var. *pinac* (Pau) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 93 (1987 publ. 1988); C. *pinac*.
subvar. *pinac* (Pau) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 93 (1987 publ. 1988); C. *pinac*.
subsp. *rouyi* (Coincy) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 92 (1987 publ. 1988); C. *rouy*.
var. *rouyi* (Coincy) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 92 (1987 publ. 1988); C. *rouy*.
var. *suffrutescens* (Blanca) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 93 (1987 publ. 1988); C. *rouy* var. *suffrutescens*.
subsp. *transmalvana* (Emb. & Maire) I. Breitwieser & D. Podlech in *Mitt. Bot. Staatssamml. München*, 22: 52 (1986); C. *boissieri* var. *transmalvana*.
bombycina
subsp. *xeranthemoides* (Lange) G. Blanca, M. Cueto & M.C. Quesada in *Saussurea*, 19: 29 (1988 publ. 1989); C. *funkii* var. *xeranthemoides*.
carolipauana J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 1: 2 (1982), nom. nov.: C. *prolongi* var. *macrocephala* Pau & Font Quer.
× *ceballosii*
nothovar. *andresiana* (Fernández Casas & Susanna) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 7: 10 (1985); C. × *andresiana*.
× *cephalariseptimae* J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 9: 16 (1985)—Spain. (C. *cephalariifolia* × *legionis-septimae*).
nothovar. *cremenensis* J. Fernández Casas in *Fontqueria*, 10: 7 (1986)—Spain.
czirkejenensis Sh.A. Guseinov in *Bot. Zhurn.*, 75(3): 430 (1990)—U.S.S.R. (Caucasus).
debdouensis I. Breitwieser & D. Podlech in *Mitt. Bot. Staatssamml. München*, 22: 54 (1986)—Morocco.

CENTAUREA :-

- delicatula I. Breitwieser & D. Podlech in Mitt. Bot. Staatssamml. München, 22: 59 (1986)—Tunisia, Algeria.
- erivanensis
subsp. holargyrea (Bornum. & Woronow) É.Ts. Gabriélyan in Novosti Sist. Vyssh. Rast., 25: 163 (1988); Psephellus holargyreus.
- fajvuschi E.Ts. Gabriélyan in Novosti Sist. Vyssh. Rast., 25: 164 (1988)—U.S.S.R. (Caucasus).
- gabrielis-blancae J. Fernández Casas in Fontqueria, 10: 6 (1986), nom. nov.: C. ornata var. microcephala Willk.
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subsp. caballeroi (Font Quer & Pau ex Font Quer) O. de Bolòs & J. Vigo in Collect. Bot., 17(1): 92 (1987 publ. 1988): C. caballeroi.
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nothosubsp. albuferae (M. Costa) M. Costa, M.B. Crespo & G. Mateo in Collect. Bot., 18: 94 (1990): C. × albuferae.
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- ×ternilli G. Mateo Sanz & M.B. Crespo Villalba in Bol. Soc. Brot., 61: 265 (1988), contrary to Art. H.5.2 ICBN (1988)—Spain. (C. aspera subsp. stenophylla × spachii).
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nothovar. aemiliae (Font Quer) A. Susanna de la Serna in Fontqueria, 18: 51 (1988): C. × aemiliae.
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 spissum H.E.K. Hartmann in *Mitt. Inst. Allg. Bot. Hamburg*, 22: 176 (1988)—South Africa (Cape Province).
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 subhirtella
 var. pendula (Tanaka) T.T. Yü & C.L. Li in *Fl. Reipubl. Popul. Sin.*, 38: 74 (1986): Prunus subhirtella var. pendula.
 susquehana (Willd.) hort. in *Hort. Soc. Lond., Cat. Fr.*: 29 (1826); cf. D.J. Mabberley in *Taxon*, 33(3): 441 (1984): Basionym not stated.
 szechuanica (Batal.) T.T. Yü & C.L. Li in *Fl. Reipubl. Popul. Sin.*, 38: 49 (1986): Prunus szechuanica.
 tatsienensis (Batal.) T.T. Yü & C.L. Li in *Fl. Reipubl. Popul. Sin.*, 38: 52 (1986): Prunus tatsienensis.
 trichostoma (Koehe) T.T. Yü & C.L. Li in *Fl. Reipubl. Popul. Sin.*, 38: 69 (1986): Prunus trichostoma.

CERASUS :-

- virginica* (Michx.) hort. in *Hort. Soc. Lond., Cat. Fr.*: 30 (1826); cf. *D.J. Mabberley in Taxon*, 33(3): 441 (1984): Basionym not stated.
yedoensis (Matsum.) T.T. Yü & C.L. Li in *Fl. Reipubl. Popul. Sin.*, 38: 74 (1986): *Prunus yedoensis*.
yunnanensis (Franch.) T.T. Yü & C.L. Li in *Fl. Reipubl. Popul. Sin.*, 38: 64 (1986): *Prunus yunnanensis*.
var. polybotrys (Koehne) T.T. Yü & C.L. Li in *Fl. Reipubl. Popul. Sin.*, 38: 64 (1986): *Prunus yunnanensis* var. *polybotrys*.

CERATOCAPNOS (Papaverac.).

- turbinata* (DC.) M. Lidén in *Op. Bot.*, 88: 38 (1986): *Fumaria turbinata*.

CERATOCARYUM (Restionac.).

- decipiens* (N.E. Br.) H.P. Linder in *Bothalia*, 15(3-4): 479 (1985): *Willdenowia decipiens*.
fimbriatum (Kunth) H.P. Linder in *Bothalia*, 15(3-4): 479 (1985): *Willdenowia fimbriata*.
xerophilum (Pillans) H.P. Linder in *Bothalia*, 15(3-4): 480 (1985): *Willdenowia xerophila*.

CERATOCENTRON K. Senghas in *Orchidee*, 40(3): 89 (1989). **ORCHIDACEAE**.

- fesselii* K. Senghas in *Orchidee*, 40(3): 90 (1989)—Philippine Is.

CERATOCHILUS (Orchidac.).

- insignis* (Frost) Lindl. ex G. Don f. in *Loud., Hort. Brit.*: 489 (1830) et in *Sweet, Hort. Brit.*, ed. 2: 490 (1830); cf. *D.J. Mabberley in Taxon*, 30(1): 15 (1981): *Stanhopea insignis*.

CERATOIDES (Chenopodiac.).

- lanata*
var. ruinina S.L. Welsh in *Great Basin Nat.*, 44(2): 196 (1984)—U.S.A. (Utah).

CERATOPHYLLUM (Ceratophyllac.).

- sect. Muricatum* D.H. Les in *Syst. Bot.*, 14(2): 259 (1989).
sect. Submersum D.H. Les in *Syst. Bot.*, 14(2): 259 (1989).
muricatum
subsp. australe (Grisebach) D.H. Les in *Syst. Bot.*, 13(1): 85 (1988): *C. australe*.
subsp. kossinskyi (Kuseneva-Prochorova) D.H. Les in *Syst. Bot.*, 13(1): 85 (1988): *C. kossinskyi*.
platyacanthum
subsp. oryzetorum (V. Komarov) D.H. Les in *Syst. Bot.*, 13(4): 517 (1988): *C. oryzetorum*.

CERATOSTEMA (Ericac.).

- fasciculatum* J.L. Luteyn in *J. Arnold Arbor.*, 67(4): 491 (1986)—Ecuador.
ferreyrae J.L. Luteyn in *J. Arnold Arbor.*, 67(4): 487 (1986)—Peru.
nodosum J.L. Luteyn in *J. Arnold Arbor.*, 67(4): 489 (1986)—Ecuador.

CERATOSTYLIS (Orchidac.).

- anjasmorensis* J.J. Wood & J.B. Comber in *Kew Bull.*, 41(3): 697 (1986)—Java.
tonkinensis (Gagnep.) L.V. Aver'yanov in *Bot. Zhurn.*, 73(1): 107 (1988): *Eria tonkinensis*.

CERATOZAMIA (Zamiac.).

- euryphyllidia* M. Vázquez Torres, S. Sabato & D.W. Stevenson in *Brittonia*, 38(1): 17 (1986)—Mexico.

CERCESTIS (Arac.).

- camerunensis* (Ntépé) J. Bogner in *Aroideana*, 8(3): 73 (1985 publ. 1986): *Rhaptophyllum camerunense*.
mirabilis (N.E. Br.) J. Bogner in *Aroideana*, 8(3): 73 (1985 publ. 1986): *Rhaptophyllum mirabile*.

CERCIS (Legumin.).

- canadensis*
var. orbiculata (Greene) R.C. Barneby in *A. Cronquist et al., Intermountain Fl., Vasc. Pl. Intermountain West, U.S.A.*, 3B: 208 (1989)—*C. orbiculata*.

CERCOCARPUS (Rosac.).

- ledifolius*
var. intermontanus N.H. Holmgren in *Brittonia*, 39(4): 424 (1987)—U.S.A. (Utah, Washington, Oregon, Wyoming, Colorado, Arizona, California, Idaho, Nevada).
mexicanus J. Henrickson in *Syst. Bot.*, 12(2): 293 (1987)—Mexico.
rzędowski J. Henrickson in *Syst. Bot.*, 12(2): 296 (1987)—Mexico.

×CEREPHYLLUM R. Mottram, *Contrib. New Class. Cact. Fam.*: 26 (1990). **CACTACEAE**. (*Cereus* × *Epiphyllum*).**CEREUS** (Cactac.).

- subgen. Brasilicereus* (Backeb.) P.J. Braun in *Bradleya*, 6: 87 (1988): gen. *Brasilicereus*.
subgen. Ebneria (Backeb.) D. Hunt in *Bradleya*, 6: 100 (1988): *Monvillea* subgen. *Ebneria*.
adelmarii (Rizzini & Mattos) P.J. Braun in *Bradleya*, 6: 86 (1988): *Monvillea adelmarii*.
alacriportanus
var. bageanus (Ritter) P.J. Braun in *Bradleya*, 6: 86 (1988): *Piptanthocereus bageanus*.
alticostatus (Ritter) P.J. Braun in *Bradleya*, 6: 86 (1988): *Monvillea alticostata*.
calcirupicola (Ritt.) C.T. Rizzini in *Rev. Brasil. Biol.*, 46(4): 782 (1986 publ. 1987): *Piptanthocereus calcirupicola*.
var. albicans C.T. Rizzini in *Rev. Brasil. Biol.*, 46(4): 784 (1986 publ. 1987)—Brazil.
var. cabralensis (Ritter) P.J. Braun in *Bradleya*, 6: 86 (1988): *Piptanthocereus cabralensis*.
var. cipoensis (Ritter) P.J. Braun in *Bradleya*, 6: 86 (1988): *Piptanthocereus cipoensis*.
var. pluricostatus (Ritt.) C.T. Rizzini in *Rev. Brasil. Biol.*, 46(4): 784 (1986 publ. 1987), without basionym page: *Piptanthocereus calcirupicola* var. *pluricostatus*.
campinensis (Backeberg & Voll) P.J. Braun in *Bradleya*, 6: 86 (1988): *Pilocereus campinensis*.
var. piedadensis (Ritter) P.J. Braun in *Bradleya*, 6: 86 (1988): *Monvillea piedadensis*.
goiasensis (Ritter) P.J. Braun in *Bradleya*, 6: 86 (1988): *Piptanthocereus goiasensis*.
lanosus (Ritter) P.J. Braun in *Bradleya*, 6: 86 (1988): *Piptanthocereus lanosus*.
markgrafii (Backeb. & Voll) P.J. Braun in *Bradleya*, 6: 87 (1988): *Brasilicereus markgrafii*.
neonesioticus (Ritter) P.J. Braun in *Bradleya*, 6: 86 (1988): *Piptanthocereus neonesioticus*.
var. interior (Ritter) P.J. Braun in *Bradleya*, 6: 86 (1988): *Piptanthocereus neonesioticus* var. *interior*.
phaeacanthus
var. breviflorus (Ritter) P.J. Braun in *Bradleya*, 6: 87 (1988): *Brasilicereus breviflorus*.
saddianus (Rizzini & Mattos) P.J. Braun in *Bradleya*, 6: 86 (1988): *Monvillea saddiana*.
sericifer (Ritter) P.J. Braun in *Bradleya*, 6: 86 (1988): *Piptanthocereus sericifer*.
speciosissimus (Desf.) Sweet, *Hort. Brit.*: 171 (1826); cf. *D.J. Mabberley in Taxon*, 30(1): 15 (1981): Basionym not stated.

CERINTHE (Boraginac.).

- glabra*
subsp. longiflora (Viv.) M. Kerguelen in *Lejeunia*, 120: 68 (1987): *C. longiflora*.
subsp. pirinica (Stoj. & Acht.) N. Andreev & D. Peev in *Fl. Nar. Republ. Bulgariya*, 9: 136 (1989): *C. glabra* var. *pirinica*.

CERIOPS (Rhizophorac.).

- australis* (C.T. White) E.R. Ballment, T.J. Smith & J.A. Stoddart in *Austral. Syst. Bot.*, 1(4): 395 (1988 publ. 1989): *C. tagal* var. *australis*.
decandra (Griff.) W. Theobald in *F. Mason, Burmah*, ed. 3, 2: 480 (1883); cf. *D.J. Mabberley in Taxon*, 34(1): 154 (1985): *Rhizophora decandra*.

CEROPEGIA (Asclepiadac.).

- arabica*
var. abbreviata P.V. Bruyns in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 318 (1988 publ. 1989)—Yemen.

CEROPEGIA :-

- var. superba* (Field & Collette) P.V. Bruyns in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 317 (1988 publ. 1989): *C. superba*.
aristolochioides
subsp. deflersiana P.V. Bruyns in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 296 (1988 publ. 1989)—Yemen.
barbigera P. Bruyns in *Kew Bull.*, 44(4): 721 (1989)—Ethiopia, Somali Republic.
bosseri
var. razafindratsirana W. Rauh & G. Buchloh in *Kakt. And. Sukk.*, 40(5): 124 (1989)—Madagascar.
candelabrum
var. tuberosa (Roxb.) N.P. Singh, *Fl. East. Karnataka*, 1: 410 (1988): *C. tuberosa*.
dichotoma
subsp. kranzii (Sventenius) P. Bruyns in *Beitr. Biol. Pfl.*, 60(3): 454 (1985 publ. 1986): *C. kranzii*.
foliosa P.V. Bruyns in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 293 (1988 publ. 1989)—Yemen.
poluniniana P. Bruyns in *Kew Bull.*, 44(4): 723 (1989)—Nepal.
schaijesorium F. Malaisse in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 491 (1986), as 'schaijesorium'—Zaire.

CERVARIA (Umbellif.).

- caucasica* (M.B.) M.G. Pimenov in *Fl. Iran.*, 162: 453 (1987): *Selinum caucasicum*.
cervariifolia (C.A. Mey.) M.G. Pimenov in *Fl. Iran.*, 162: 452 (1987): *Peucedanum cervariifolium*.

CESTRUM (Solanac.).

- jimenezii* Alain H. Liogier in *Phytologia*, 65(6): 421 (1989)—Hispaniola (Dominican Republic).
neblinense W.G. D'Arcy in *Ann. Missouri Bot. Gard.*, 77(1): 206 (1990)—Venezuela.

CEUTHOSTOMA L.A.S. Johnson in *Telopea*, 3(2): 133 (1988). **CASUARINACEAE**.

- palawanense* L.A.S. Johnson in *Telopea*, 3(2): 137 (1988)—Philippine Is.
terminale L.A.S. Johnson in *Telopea*, 3(2): 135 (1988)—Bornea (Sabah), New Guinea (W. Irian).

CHABOISSAEA (Gramin.).

- decumbens* (Swallen) J.R. & C.G. Reeder in *Phytologia*, 65(2): 156 (1988): *Muhlenbergia decumbens*.
subbiflora (A.S. Hitchcock) J.R. & C.G. Reeder in *Phytologia*, 65(2): 156 (1988): *Muhlenbergia subbiflora*.

CHAENORHINUM (Scrophulariac.).

- sect. Hueblia* (Speta) D.A. Sutton, *Revis. tribe Antirrhineae*: 127 (1988): gen. *Hueblia*.
sect. Microrrhinum (Endl.) D.A. Sutton, *Revis. tribe Antirrhineae*: 116 (1988): *Linaria* sect. *Microrrhinum*.
macropodium
var. degenii (Hervier) R. Figuerola, J.B. Peris & G. Stübing in *An. Jard. Bot. Madrid*, 47(2): 511 (1989 publ. 1990): *C. robustum* f. *degenii*.
organifolium
subsp. cotiellae P. Montserrat Recoder & G. Montserrat Martí in *An. Jard. Bot. Madrid*, 43(1): 44 (1986)—Spain.
rubrifolium
subsp. gerense (Stapf) D.A. Sutton, *Revis. tribe Antirrhineae*: 114 (1988): *Linaria gerensis*.
segoviense
subsp. semiglabrum J. Loidi & A. Galán-Mera in *Candollea*, 43(1): 252 (1988)—Spain.
villosum
subsp. granatensis (Willk.) B. Valdés in *Lagascalia*, 14(1): 94 (1986): *Linaria granatensis*.

CHAEROPHYLLUM (Umbellif.).

- aristatum* C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 288 (1784)—Japan.†
cyminum Trev., *Ind. Sem. Wratislav. App. III*: 1 (1821); cf. *D.J. Mabberley in Taxon*, 32(1): 84 (1983)—Locality not stated.
karsianum Kit Tan & H. Ocaquerdi in *Notes Roy. Bot. Gard. Edinburgh*, 44(1): 160 (1986)—Turkey.
scabrum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 289 (1784)—Japan.†

CHAETANTHERA (Compos.).

perpusilla (Wedd.) A.A. Anderberg & S.E. Freire in *Taxon*, 39(3): 431 (1990): *Luciliopsis* perpusilla.
ramosissima (D. Don ex Taylor & Philips, *Phil. Mag. n.s.*, 11: 391 (May 1832); cf. D.J. Mabberley in *Taxon*, 30(1): 15 (1981)—Locality not stated.

CHAETOCALYX (Legumin.).

subulatus B.A. Mackinder in *Kew Bull.*, 45(3): 587 (1990)—Brazil.

CHAETOCHLAMYS (Acanthac.).

lilloi J.L. Lotti in *Publ. Espec. Inst. Lillo*, 1187: 63 (1976)—Argentina.

CHAETOPAPPA (Compos.).

ericoides (Torrey) G.L. Nesom in *Phytologia*, 64(6): 449 (1988): *Inula*? ericoides.
imberbis (A. Gray) G.L. Nesom in *Phytologia*, 64(6): 449 (1988): *C. asteroides* var. *imberbis*.

CHAETOTHYLAX (Acanthac.).

rzedowskii S. Acosta Castellanos in *Acta Bot. Mex.*, 5: 5 (1989)—Mexico.

CHAMAETHUS (Orchidac.).

brigitiae N. Hallé in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 8(3): 228 (1986)—New Caledonia.
florescens N. Hallé in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 8(3): 227 (1986)—New Caledonia.

CHAMAECRISTA (Legumin.).

africana (Steud.) J.M. Lock in *Kew Bull.*, 43(2): 335 (1988): *Cassia mimosoides* var. *africana*.
axilliflora H.S. Irwin & R.C. Barneby in *Brittonia*, 39(1): 7 (1987)—Brazil.
biensis (Steud.) J.M. Lock in *Kew Bull.*, 43(2): 335 (1988): *Cassia katangensis* var. *biensis*.
bissei A. Barreto & G.P. Yakovlev in *Bot. Zhurn.*, 75(6): 889 (1990)—Cuba.
comosa
var. *capricornia* (Steud.) J.M. Lock in *Kew Bull.*, 43(2): 336 (1988): *Cassia comosa* var. *capricornia*.
cupeyalensis A. Barreto & G.P. Yakovlev in *Bot. Zhurn.*, 75(6): 890 (1990)—Cuba.
desvauxii
var. *latistipula* (Benth.) G.P. Lewis, *Legumes of Bahia*: 77 (1987): *Cassia latistipula*.
dimidiata (Roxb.) J.M. Lock in *Kew Bull.*, 43(2): 336 (1988): *Senna dimidiata*.
duboisii (Steud.) J.M. Lock in *Kew Bull.*, 43(2): 336 (1988): *Cassia duboisii*.
dunensis M. Thulin in *Nordic J. Bot.*, 8(5): 457 (1989)—Somali Republic.
exilis (Vatke) J.M. Lock in *Kew Bull.*, 43(2): 336 (1988): *Cassia exilis*.
falcifoliolata A. Barreto & G.P. Yakovlev in *Bot. Zhurn.*, 75(6): 891 (1990)—Cuba.
falcinella (Oliver) J.M. Lock in *Kew Bull.*, 43(2): 336 (1988): *Cassia falcinella*.
var. *intermedia* (Brenan) J.M. Lock in *Kew Bull.*, 43(2): 336 (1988): *Cassia falcinella* var. *intermedia*.
var. *parviflora* (Steud.) J.M. Lock in *Kew Bull.*, 43(2): 336 (1988): *Cassia falcinella* var. *parviflora*.
fallacina (Chiov.) J.M. Lock in *Kew Bull.*, 43(2): 336 (1988): *Cassia fallacina*.
fasciculata
var. *depressa* (Pollard) C.F. Reed in *Phytologia*, 63(5): 410 (1987): *Cassia depressa*.
var. *macroserma* (Fern.) C.F. Reed in *Phytologia*, 63(5): 410 (1987): *Cassia fasciculata* var. *macroserma*.
fenarolii (Mendonça & Torre) J.M. Lock in *Kew Bull.*, 43(2): 336 (1988): *Cassia fenarolii*.
garambiensis (Hosokawa) H. Ohashi, Y. Tateishi & T. Nemoto in *Sci. Rep. Tohoku Univ.*, Ser. 4, 39(3): 202 (1988): *Cassia garambiensis*.
ghesquiereana (Brenan) J.M. Lock in *Kew Bull.*, 43(2): 336 (1988): *Cassia ghesquiereana*.
gracilior (Ghesq.) J.M. Lock in *Kew Bull.*, 43(2): 336 (1988): *Cassia fallacina* var. *gracilior*.
guanensis A. Barreto & G.P. Yakovlev in *Bot. Zhurn.*, 75(6): 892 (1990)—Cuba.

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gumminans H.S. Irwin & R.C. Barneby in *Brittonia*, 39(1): 9 (1987)—Brazil.
hildebrandtii (Vatke) J.M. Lock in *Kew Bull.*, 43(2): 336 (1988): *Cassia hildebrandtii*.
huillensis (Mendonça & Torre) J.M. Lock in *Kew Bull.*, 43(2): 337 (1988): *Cassia huillensis*.
jaegeri (Keay) J.M. Lock in *Kew Bull.*, 43(2): 337 (1988): *Cassia jaegeri*.
kalulensis (Steud.) J.M. Lock in *Kew Bull.*, 43(2): 337 (1988): *Cassia kalulensis*.
katangensis (Ghesq.) J.M. Lock in *Kew Bull.*, 43(2): 337 (1988): *Cassia fallacina* var. *katangensis*.
var. *nuda* (Steud.) J.M. Lock in *Kew Bull.*, 43(2): 337 (1988): *Cassia katangensis* var. *nuda*.
kirkii
var. *glabra* (Steud.) J.M. Lock in *Kew Bull.*, 43(2): 337 (1988): *Cassia kirkii* var. *glabra*.
var. *guineensis* (Steud.) J.M. Lock in *Kew Bull.*, 43(2): 337 (1988): *Cassia kirkii* var. *guineensis*.
marianensis A. Barreto & G.P. Yakovlev in *Bot. Zhurn.*, 75(6): 893 (1990)—Cuba.
meelii (Steud.) J.M. Lock in *Kew Bull.*, 43(2): 337 (1988): *Cassia meelii*.
newtonii (Mendonça & Torre) J.M. Lock in *Kew Bull.*, 43(2): 337 (1988): *Cassia newtonii*.
nictitans
var. *hebecarpa* (Fern.) C.F. Reed in *Phytologia*, 63(5): 411 (1987): *Cassia nictitans* var. *hebecarpa*.
var. *leiocarpa* (Fern.) C.F. Reed in *Phytologia*, 63(5): 411 (1987): *Cassia nictitans* var. *leiocarpa*.
var. *leptadenia* (Greenman) K.N. Gandhi & S.L. Hatch in *Sida*, 13(1): 123 (1988): *Cassia leptadenia*.
nomame (Sieb.) H. Ohashi in *J. Jap. Bot.*, 64(7): 215 (1989): *Sooya nomame*.
paralias (Brenan) J.M. Lock in *Kew Bull.*, 43(2): 337 (1988): *Cassia paralias*.
parva (Steud.) J.M. Lock in *Kew Bull.*, 43(2): 337 (1988): *Cassia parva*.
plumosa
var. *erecta* (Schorn & Gordon-Gray) J.M. Lock in *Kew Bull.*, 43(2): 337 (1988): *Cassia plumosa* var. *erecta*.
polytricha (Brenan) J.M. Lock in *Kew Bull.*, 43(2): 337 (1988): *Cassia polytricha*.
var. *pauciflora* (Brenan) J.M. Lock in *Kew Bull.*, 43(2): 338 (1988): *Cassia polytricha* var. *pauciflora*.
var. *pulchella* (Brenan) J.M. Lock in *Kew Bull.*, 43(2): 338 (1988): *Cassia polytricha* var. *pulchella*.
puccioniana (Chiov.) J.M. Lock in *Kew Bull.*, 43(2): 338 (1988): *Cassia puccioniana*.
ramosa
var. *curvifolia* (Vog.) G.P. Lewis, *Legumes of Bahia*: 84 (1987): *Cassia curvifolia*.
robysiana (Ghesq.) J.M. Lock in *Kew Bull.*, 43(2): 338 (1988): *Cassia robysiana*.
schmitzii (Steud.) J.M. Lock in *Kew Bull.*, 43(2): 338 (1988): *Cassia schmitzii*.
takhtajanii A. Barreto & G.P. Yakovlev in *Bot. Zhurn.*, 75(6): 888 (1990)—Cuba.
telfairiana (Hook. f.) J.M. Lock in *Kew Bull.*, 43(2): 338 (1988): *Cassia mimosoides* var. *telfairiana*.
wittei (Ghesq.) J.M. Lock in *Kew Bull.*, 43(2): 338 (1988): *Cassia wittei*.
zambesica (Oliver) J.M. Lock in *Kew Bull.*, 43(2): 338 (1988): *Cassia zambesica*.

CHAMAECYTISUS (Legumin.).

aggregatus (Schur.) N. Diklić in *Fl. SR Srbije*, 10: 119 (1986): *Cytisus aggregatus*.
×czerniaevii (V. Krecz.) N.N. Tsvetlev in *Fl. Evropejskoj Chasti SSSR*, 6: 223 (1987): *Cytisus* × *czerniaevii*.
glaber
var. *elongatus* (Waldst. & Kit.) N.N. Tsvetlev in *Fl. Evropejskoj Chasti SSSR*, 6: 220 (1987): *Cytisus elongatus*.
hirsutus
subsp. *ciliatus* (Wahlenb.) A. Strid in A. Strid (ed.), *Mount. Fl. Greece*, 1: 449 (1986): *Cytisus ciliatus*.
mollis (Cav.) W. Greuter & Burdet in *Willdenowia*, 19(1): 31 (1989): *Spartium molle*.

CHAMAECYTISUS :-

ruthenicus
var. *syreiszczikovii* (V. Krecz.) N.N. Tsvetlev in *Fl. Evropejskoj Chasti SSSR*, 6: 222 (1987): *Cytisus syreiszczikovii*.
triflorus (Lam.) A. Skalická in *Preslia*, 58(1): 23 (1986): *Cytisus triflorus*.
subsp. *leucotrichus* (Schur) J. Holub in *Fl. Slovenska*, 4(4): 35 (1988): *Cytisus leucotrichus*.
subsp. *pumilus* (De Not.) W. Greuter & Burdet in *Willdenowia*, 16(2): 441 (1987): *Cytisus pumilus*.

CHAMAEDOREA (Palmae).

castillo-montii D.R. Hodel in *Phytologia*, 68(5): 397 (1990)—Guatemala.
correae D.R. Hodel & N.W. Uhl in *Principes*, 34(3): 125 (1990)—Panama.
foveata D.R. Hodel in *Phytologia*, 68(5): 403 (1990)—Mexico.
guntheriana D.R. Hodel & N.W. Uhl in *Principes*, 34(3): 126 (1990)—Panama.
latisecta (H. Moore) A.H. Gentry in *Ann. Missouri Bot. Gard.*, 73(1): 163 (1986): *Morenia latisecta*.
maculobola G. Galeano-Garcés in *Brittonia*, 38(1): 60 (1986)—Colombia.
megaphylla A.H. Gentry in *Ann. Missouri Bot. Gard.*, 73(1): 163 (1986)—Peru.
muriensis G. Galeano-Garcés in *Principes*, 31(3): 143 (1987), nom. nov.: *C. maculobola Galeano-Garcés*.
palmeriana D.R. Hodel & N.W. Uhl in *Principes*, 34(3): 122 (1990)—Panama, Costa Rica.
pedunculata D.R. Hodel & N.W. Uhl in *Principes*, 34(3): 131 (1990)—Costa Rica.
poeppligiana (Mart.) A.H. Gentry in *Ann. Missouri Bot. Gard.*, 73(1): 162 (1986): *Morenia poeppligiana*.
queroana D.R. Hodel in *Phytologia*, 68(5): 406 (1990)—Mexico.
rhizomatosa D.R. Hodel in *Phytologia*, 68(5): 401 (1990)—Mexico.
robertii D.R. Hodel & N.W. Uhl in *Principes*, 34(3): 120 (1990)—Panama, Costa Rica.
smithii A.H. Gentry in *Ann. Missouri Bot. Gard.*, 73(1): 164 (1986)—Peru.
sullivaniorum D.R. Hodel & N.W. Uhl in *Principes*, 34(3): 128 (1990)—Panama, Costa Rica.
undulatifolia D.R. Hodel & N.W. Uhl in *Principes*, 34(3): 116 (1990)—Costa Rica.
verapazensis D.R. Hodel & J.J. Castillo Mont in *Phytologia*, 68(5): 390 (1990)—Guatemala.
vistae D.R. Hodel & N.W. Uhl in *Principes*, 34(2): 58 (1990)—Mexico.
volcanensis D.R. Hodel & J.J. Castillo Mont in *Phytologia*, 68(5): 393 (1990)—Guatemala.
whitelockiana D.R. Hodel & N.W. Uhl in *Principes*, 34(2): 61 (1990)—Mexico.

CHAMAELAUCIUM (Myrtac.).

marchantii A. Strid in *Pl. Syst. Evol.*, 155(1-4): 341 (1987)—Australia (W. Australia).

CHAMAELON (Compos.).

macrophyllus (Desf.) D. Petit in *Bull. Soc. Bot. France, Lett. Bot.*, 134(2): 179 (1987): *Atractylis macrophylla*.
var. *incanus* (Maire) D.P. Petit in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 9(4): 414 (1987 publ. 1988): *Atractylis macrophylla* var. *incanus*.

CHAMAEMELUM (Compos.).

sect. *Santolinopsis* C. Benedi González in *Candollea*, 43(1): 124 (1988).
eriolepis (Cosson ex Maire) C. Benedi in *Fontqueria*, 10: 1 (1986): *Ormenis eriolepis*.
flahaultii (Emberger) C. Benedi González in *Candollea*, 43(1): 126 (1988): *Ormenis flahaultii*.
fuscatum
f. *minor* (Hoffmanns. & Link) C. Benedi González in *Collect. Bot.*, 17(1): 61 (1987 publ. 1988): *Anthemis fuscata* var. *minor*.
mixtum
var. *aureum* (Durieu) C. Benedi in *Fontqueria*, 10: 3 (1986): *Ormenis aurea*.
var. *glabrescens* (Maire) C. Benedi in *Fontqueria*, 10: 3 (1986): *Ormenis mixta* var. *glabrescens*.

CHAMAEMELUM :-

- nobile
f. discoideum (Boiss. ex Willk.) C. Benedi González in *Collect. Bot.*, 17(1): 59 (1987 publ. 1988); Ormenis nobilis var. discoidea.
scariosum (Ball) C. Benedi González in *Candollea*, 43(1): 126 (1988): Santolina scariosa.

CHAMAEROPS (Palmae).

- excelsa C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 984 (1784)—Japan.†

CHAMAESCILLA (Anthericac.).

- corymbosa
var. latifolia (F. Muell.) R.J.F. Henderson in *Fl. Australia*, 45: 473 (1987): Caesia spiralis var. latifolia.
var. paradoxa (Endl.) R.J.F. Henderson in *Fl. Australia*, 45: 473 (1987): Caesia paradoxa.

CHAMAESPARTIUM (Legumin.).

- sagittale
subsp. delphinense (Verlot) O. de Bolòs & J. Vigo, *Fl. Paisos Catalans*: 461 (1984): Genista delphinensis.

CHAMAESYCE (Euphorbiac.).

- subsect. Gymnadeniae (Boiss.) D.L. Koutnik in *Allertonia*, 4(6): 338 (1987): Euphorbia subsect. Gymnadeniae.
anthonyi (T.S. Brandegee) G.A. Levin in *Levin & Moran, Vasc. Fl. Isla Socorro, Mexico (Mem. San Diego Soc. Nat. Hist. 16)*: 34 (1989): Euphorbia anthonyi.
erythroclada (Bois.) K. Seshagiri Rao & M.N.V. Prasad in *Pl. Syst. Evol.*, 160(3-4): 192 (1988): Euphorbia erythroclada.
fimbriata
subsp. burmanica (Panigrahi) K.S. Rao & M.N.V. Prasad in *Taxon*, 36(4): 762 (1987): Euphorbia laciniata subsp. burmanica.
herbstii W.L. Wagner in *Bishop Mus. Occas. Pap.*, 28: 75 (1988)—Hawaiian Is.
linearifolia
var. nallamalayana (Ellis) K.S. Rao & M.N.V. Prasad in *Taxon*, 36(4): 762 (1987): Euphorbia linearifolia var. nallamalayana.
taihsiensis S.M. Chaw & D.L. Koutnik in *Bot. Bull. Acad. Sin.*, n.s., 31(2): 163 (1990)—Taiwan.

CHAMISSOA (Amaranthac.).

- margaritacea (L.) Schouw, *Forteg. Kjöb. Bot. Hav. Pl.*: 123 (1847); cf. D.J. Mabberley in *Taxon*, 33(3): 439 (1984): Basionym not stated.
stricta (Hornem.) Schouw, *Forteg. Kjöb. Bot. Hav. Pl.*: 123 (1847); cf. D.J. Mabberley in *Taxon*, 33(3): 439 (1984): Celosia stricta.

CHAMOMILLA (Compos.).

- pubescens (Desf.) S.A. Alavi in *Fl. Libya*, 107: 150 (1983): Cotula pubescens.

CHAPTALIA (Compos.).

- calacallensis J. Cuatrecasas in *Fontqueria*, 8: 14 (1985); et in *Fontqueria*, 9: 5 (1985)—Peru.

<CHARLIEARA hort. in *Orchid Rev.*, 98(1166): centre page pull-out p. 9 (1990). ORCHIDACEAE. (Rhynchostylis × Vanda × Vandopsis).

CHASALIA (Rubiac.).

- longifolia (Dalz.) K.M. Wong in *Tree Fl. Malaya*, 4: 344 (1989): Psychotria longifolia.

CHASCANUM (Verbenac.).

- moldenkei (Gillett) Sebsebe Demissew & B. Verdcourt in *Kew Bull.*, 43(3): 521 (1988): Svensonia moldenkei.
obovatum Sebsebe Demissew in *Nordic J. Bot.*, 8(6): 629 (1989)—Ethiopia, Kenya.
subsp. glaucum Sebsebe Demissew in *Kew Bull.*, 45(1): 139 (1990)—South Yemen, Somali Republic.
sulcatum Sebsebe Demissew in *Nordic J. Bot.*, 8(6): 627 (1989)—Ethiopia, Somali Republic.
yemenense Sebsebe Demissew in *Kew Bull.*, 45(1): 137 (1990)—South Yemen.

CHASCOLYTRUM (Gramin.).

- nutans Lindl. & Nees in *Nees, Del. Sem. Hort. Bot. Vratislav.*, 1840; *Linnaea* 15, Lit.: 125 (?1841); cf. D.J. Mabberley in *Taxon*, 32(1): 84 (1983)—Locality not stated.

CHASMANTHIUM (Gramin.).

- laxum
subsp. sessiliflorum (Poirot) L.G. Clark in *Ann. Missouri Bot. Gard.*, 77(3): 601 (1990): Uniola sessiliflora.

CHASSALIA (Rubiac.).

- longiloba A. Borhidi & B. Verdcourt in *Kew Bull.*, 45(4): 709 (1990)—Tanzania.

CHAUBARDIA (Orchidac.).

- heteroclita (Poepp. & Endl.) C.H. Dodson & D.E. Bennett in *IC. Pl. Trop.*, Ser. 2, 1: t. 23 (1989): Maxillaria heteroclita.

CHAUBARDIELLA (Orchidac.).

- hirtzii C.H. Dodson in *IC. Pl. Trop.*, Ser. 2, 5: t. 412 (1989)—Ecuador.
pacuarensis R. Jenny in *Orchidee*, 40(3): 91 (1989)—Costa Rica.

CHAZALIELLA (Rubiac.).

- letouzeyi E. Robbrecht in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 11(4): 344 (1989 publ. 1990)—Cameroun, Gabon.

CHEILOTHECA (Ericac.).

- humilis
var. pubescens (K.F. Wu) C. Ling in *Fl. Zhejiang*, 5: 5 (1989): Monotropastrum pubescens.

CHEIRANTHUS (Crucif.).

- pallens (Pers.) Hornem., *Hort. Hafn., Suppl.*: 73 (1819); cf. D.J. Mabberley in *Taxon*, 33(3): 437 (1984): Basionym not stated.

CHEIRODENDRON (Araliac.).

- bastardianum (Decaisne) D.G. Frodin in *Pac. Sci.*, 44(3): 270 (1990): Aralia bastardiana.
forbesii (Sherff) P.P. Lowry in *Pac. Sci.*, 40(1-4): 80 (1986 publ. 1987): C. kauaiense var. forbesii.
platyphyllum
subsp. kauaiense (Krajina) P.P. Lowry in *Pac. Sci.*, 40(1-4): 81 (1986 publ. 1987): C. kauaiense.
trigynum
subsp. helleri (Sherff) P.P. Lowry in *Pac. Sci.*, 40(1-4): 81 (1986 publ. 1987): C. helleri.

CHEIROLOPHUS (Compos.).

- mauritanicus (Font Quer) A. Susanna de la Serna in *Fontqueria*, 14: 15 (1988): Centaurea sempervirens var. mauritanica.

CHEIROSTYLIS (Orchidac.).

- munnacampensis A. Nageswara Rao in *Nordic J. Bot.*, 8(4): 340 (1988)—India.
seidenfadeniana C. Sathish Kumar & F.N. Rasmussen in *Nordic J. Bot.*, 7(4): 409 (1987)—India.
sessanica A. Nageswara Rao in *Nordic J. Bot.*, 8(4): 339 (1988)—India.

CHELIDONIUM (Papaverac.).

- japonicum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 489 (1784)—Japan.†

CHELONANTHUS (Gentianac.).

- fruticosus B. Maguire & B.M. Boom in *Mem. New York Bot. Gard.*, 51: 42 (1989), nom. nov.: Lisianthus arboreus Spruce ex Progel.

CHELONE (Scrophulariac.).

- formosa Thompson, *Bot. Displ.*, t. 4 (1798); cf. D.J. Mabberley in *Taxon*, 30(1): 15 (1981)—Locality not stated.
laevigata Thompson, *Bot. Displ.*, sub t. 4 (1798); cf. D.J. Mabberley in *Taxon*, 30(1): 15 (1981)—Locality not stated.
pubescens (Soland.) Parmentier, *Cat. Pl. Enghien*: 18 (1818); cf. D.J. Mabberley in *Taxon*, 33(3): 441 (1984): Basionym not stated.

CHELYOCARPUS (Palmae).

- repens F. Kahn & K. Mejia in *Principes*, 32(2): 69 (1988)—Peru.

CHENOPODIUM (Chenopodiac.).

- sect. Acuminata Aell. & Iljin ex M.S. Ignatov in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 3: 18 (1988).
subgen. Ambrina (Spach) M.S. Ignatov in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 3: 18 (1988): gen. Ambrina.
subgen. Blitum (L.) M.S. Ignatov in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 3: 22 (1989); gen. Blitum.
sect. Glauca M.S. Ignatov in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 3: 22 (1988).
acerifolium
f. morarii (Prodan) F. Dvořák in *Feddes Repert.*, 98(11-12): 567 (1987): C. album f. morarii.
album
subf. corymbosodentatum K. Arlt & B. Jüttersonke in *Feddes Repert.*, 100(1-2): 21 (1989), as 'corymboso-dentatum'—Cultivation.
subf. corymbosolanceolatum K. Arlt & B. Jüttersonke in *Feddes Repert.*, 100(1-2): 22 (1989), as 'corymboso-lanceolatum'—Cultivation.
subvar. cymigerum (Koch) K. Arlt & B. Jüttersonke in *Feddes Repert.*, 100(1-2): 20 (1989), as subvar. nov.: C. album var. cymigerum.
f. cymigerum (Koch) K. Arlt & B. Jüttersonke in *Feddes Repert.*, 100(1-2): 20 (1989), as '(A. Ludwig)': C. album var. cymigerum.
subf. cymigerum (Koch) K. Arlt & B. Jüttersonke in *Feddes Repert.*, 100(1-2): 20 (1989), as subf. nov.: C. album var. cymigerum.
f. dubium K. Arlt & B. Jüttersonke in *Feddes Repert.*, 100(1-2): 22 (1989)—Cultivation.
subf. dubium K. Arlt & B. Jüttersonke in *Feddes Repert.*, 100(1-2): 23 (1989)—Cultivation.
f. glomerulosum (Rchb.) K. Arlt & B. Jüttersonke in *Feddes Repert.*, 100(1-2): 18 (1989), as 'glomerulosum (A. Ludwig)': C. glomerulosum.
subf. glomerulosum (Rchb.) K. Arlt & B. Jüttersonke in *Feddes Repert.*, 100(1-2): 19 (1989), as subf. nov.: C. glomerulosum.
subf. medium K. Arlt & B. Jüttersonke in *Feddes Repert.*, 100(1-2): 17 (1989)—Cultivation.
subf. ovalifolium K. Arlt & B. Jüttersonke in *Feddes Repert.*, 100(1-2): 23 (1989)—Cultivation.
subf. paucidens K. Arlt & B. Jüttersonke in *Feddes Repert.*, 100(1-2): 19 (1989)—Cultivation.
subf. thyrsoides K. Arlt & B. Jüttersonke in *Feddes Repert.*, 100(1-2): 18 (1989)—Cultivation.
amurense M.S. Ignatov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 91(3): 111 (1986)—U.S.S.R. (Soviet Far East).
capitatum
var. parvicapitatum S.L. Welsh in *Great Basin Nat.*, 44(2): 199 (1984)—U.S.A. (Utah, Colorado, California, Nevada), Canada (British Columbia, Saskatchewan).
×dadakovae F. Dvořák in *Feddes Repert.*, 97(11-12): 793 (1986)—Czechoslovakia. (C. strictum × suecicum).
dunosum L.E. Simón in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 10(4): 407 (1988 publ. 1989)—Brazil, Argentina.
eustriatum F. Dvořák in *Feddes Repert.*, 100(5-6): 202 (1989)—Czechoslovakia.
×fallax (Aellen) F. Dvořák in *Feddes Repert.*, 97(11-12): 793 (1986): C. album subsp. fallax. (C. album × strictum × suecicum).
f. mirabile F. Dvořák in *Feddes Repert.*, 97(11-12): 798 (1986), as 'mirabilis'—Czechoslovakia.
f. procerum F. Dvořák in *Feddes Repert.*, 97(11-12): 797 (1986), as 'procera'—Czechoslovakia.
ficifolium
var. albovenosum F. Dvořák in *Feddes Repert.*, 100(9-10): 467 (1989)—Czechoslovakia.
var. rubescens (Aellen) F. Dvořák in *Feddes Repert.*, 100(9-10): 463 (1989): C. ficifolium f. rubescens.
var. subcymosum (Aellen) F. Dvořák in *Feddes Repert.*, 100(9-10): 465 (1989): C. ficifolium f. subcymosum.

CHENOPODIUM :-

- foliosum
var. *exsuccum* (Loscov) O. de Bolos & J. Vigo, *Fl. Paisos Catalans*, 2: 770 (1990): Blitum *exsuccum*.
×*humiliforme* (J. Murr) F. Dvořák in *Feddes Repert.*, 97(11-12): 783 (1986): C. *ficifolium* var. *humiliforme*. (C. album × *ficifolium* × *strictum*).
×*jedlickae* F. Dvořák in *Feddes Repert.*, 97(11-12): 780 (1986)—Czechoslovakia. (C. album × *ficifolium*).
×*jehlikii* F. Dvořák in *Feddes Repert.*, 97(11-12): 787 (1986)—Czechoslovakia. (C. *ficifolium* × *opulifolium*).
leptophyllum (Moq.) B.D. Jackson in *Index Kewensis*, 1: 513 (1753-1885 publ. 1893): C. album var. *leptophyllum*.
lobatum (Prodan) F. Dvořák in *Feddes Repert.*, 98(11-12): 571 (1987): C. album subsp. *lobatum*.
×*mendelii* F. Dvořák in *Feddes Repert.*, 101(7-8): 367 (1990)—Czechoslovakia. (C. *diversifolium* × *pseudostriatum*).
neomexicanum
var. *palmeri* (Standley) T.W. Walters in *Amer. J. Bot.*, 75(1): 104 (1988): C. *palmeri*.
×*podperae* F. Dvořák in *Feddes Repert.*, 97(11-12): 790 (1986)—Czechoslovakia. (C. *diversifolium* × *striatum*).
pseudoborbasi
f. *aellenii* F. Dvořák in *Feddes Repert.*, 97(11-12): 815 (1986)—Czechoslovakia.
f. *albiforme* F. Dvořák in *Feddes Repert.*, 97(11-12): 815 (1986)—Czechoslovakia.
f. *borbasiiforme* F. Dvořák in *Feddes Repert.*, 97(11-12): 816 (1986), as 'borbasiiformis'—Czechoslovakia.
f. *longipedicellatum* F. Dvořák in *Feddes Repert.*, 97(11-12): 815 (1986), as 'longipedicellata'—Czechoslovakia.
f. *ramosum* F. Dvořák in *Feddes Repert.*, 97(11-12): 815 (1986), as 'ramosa'—Czechoslovakia.
×*pseudostriatum*
nothovar. erosum (J. Murr) F. Dvořák in *Biología, A (Czechoslovakia)*, 39(1): 68 (1984): C. *striatum* f. *erosum*.
×*rhombicum* (J. Murr) F. Dvořák in *Feddes Repert.*, 97(11-12): 821 (1986): C. *vulvaria* var. *rhombicum*.
×*smardae* F. Dvořák in *Feddes Repert.*, 97(11-12): 787 (1986)—Czechoslovakia. (C. album × *ficifolium* × *succinum*).
striatum
f. *purpureogriseum* F. Dvořák in *Feddes Repert.*, 100(5-6): 209 (1989), as 'purpureo-griseum'—Czechoslovakia.
strictum
f. *atroviridiolivaceum* F. Dvořák in *Feddes Repert.*, 100(5-6): 221 (1989), as 'atro-viridiolivaceum'—Czechoslovakia.
×*tkalcscii* H. Melzer in *Ber. Bayer. Bot. Ges.*, 58: 75 (1987)—Italy. (C. *bonus-henricus* × *foliosum*).
×*unarii* F. Dvořák in *Feddes Repert.*, 97(11-12): 824 (1986), as 'unari'—Czechoslovakia. (C. album × *opulifolium* × *pedunculare* × *succinum*).

CHESNEYA (Legumin.).

- antoninae* M.R. Rasulova & B.A. Sharipova in *Dokl. Akad. Nauk Tadzh. SSR*, 23(8): 461 (1980)—U.S.S.R. (Middle Asia).
latefoliolatus M.R. Rasulova & B.A. Sharipova in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 3(116): 71 (1989)—U.S.S.R. (Middle Asia).

CHEVALIERA Gaudichaud ex J.G. Beer, Fam.

- Bromel.*: 22, 150, 257 (1856). **BROMELIACEAE**.
cariocae (L.B. Smith) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 77 (1989): *Aechmea cariocae*.
castanea (L.B. Smith) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 77 (1989): *Aechmea castanea*.
conifera (L.B. Smith) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 77 (1989): *Aechmea conifera*.
depressa (L.B. Smith) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 78 (1989): *Aechmea depressa*.
digitata (L.B. Smith & R.W. Read) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 78 (1989): *Aechmea digitata*.
fernandae (E. Morren) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 78 (1989): *Bromelia fernandae*.

CHEVALIERA :-

- hostilis* (E. Pereira) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 78 (1989): *Aechmea hostilis*.
itapoana (Till & Morawetz) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 78 (1989): *Aechmea itapoana*.
lateralis (L.B. Smith) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 78 (1989): *Aechmea lateralis*.
leucolepis (L.B. Smith) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 78 (1989): *Aechmea leucolepis*.
magdalenae
var. *quadricolor* (M.B. Foster) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 78 (1989): *Aechmea magdalenae* var. *quadricolor*.
microcephala (E. Pereira & Leme) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 78 (1989): *Aechmea microcephala*.
multiflora (L.B. Smith) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 78 (1989): *Aechmea multiflora*.
muricata (Arruda da Camara) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 78 (1989): *Bromelia muricata*.
ornata Gaudichaud ex J.G. Beer, *Fam. Bromel.*: 150 (1856)—Locality not stated.
pallida (L.B. Smith) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 78 (1989): *Aechmea pallida*.
perforata (L.B. Smith) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 78 (1989): *Aechmea perforata*.
rodriguesiana (L.B. Smith) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 78 (1989): *Gravisia rodriguesiana*.
rubiginosa (Mez) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 78 (1989): *Aechmea rubiginosa*.
saxicola (L.B. Smith) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 78 (1989): *Aechmea saxicola*.
sphaerocephala Gaudichaud ex J.G. Beer, *Fam. Bromel.*: 150 (1856)—Locality not stated.
sphaerocephala (Baker) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 78 (1989), later homonym of Gaudichaud ex J.G. Beer, *Fam. Bromel.*: 150 (1856): *Aechmea sphaerocephala*.
strobilacea (L.B. Smith) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 78 (1989): *Aechmea strobilacea*.
tayoensis (Gilmartin) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 79 (1989): *Aechmea tayoensis*.

CHIANGIENDRON T. Wendt in *Syst. Bot.*, 13(3): 435 (1988). **FLACOURTIACEAE**.

- mexicanum* T. Wendt in *Syst. Bot.*, 13(3): 435 (1988)—Mexico.

CHIGUA D.W. Stevenson in *Mem. New York Bot. Gard.*, 57: 170 (1990). **ZAMIACEAE**.

- bernalii* D.W. Stevenson in *Mem. New York Bot. Gard.*, 57: 170 (1990)—Colombia.
restrepoi D.W. Stevenson in *Mem. New York Bot. Gard.*, 57: 170 (1990)—Colombia.

CHILENIA (Cactac.).

- nigrihorrida* Backeberg ex A.W. Hill in *Index Kewensis*, Suppl. 9: 62 (1931-35 publ. 1938)—Chile.

CHILOCARPUS (Apocynac.).

- sunainaianus* S.N. Yoganarasimhan in *Curr. Sci.*, 51(18): 902 (1982)—Nicobar Is.

CHILOGLOTTIS (Orchidac.).

- sylvestris* D.L. Jones & M.A. Clements in *Proc. Roy. Soc. Queensl.*, 98: 123 (1987)—Australia (Queensland).
truncata D.L. Jones & M.A. Clements in *Proc. Roy. Soc. Queensl.*, 98: 124 (1987)—Australia (Queensland).

CHILOPSIS (Bignoniac.).

- linearis*
subsp. *arcuata* (Fosberg) J. Henrickson in *Aliso*, 11(2): 194 (1985 publ. 1986): C. *linearis* var. *arcuata*.
var. *tomenticaulis* J. Henrickson in *Aliso*, 11(2): 191 (1985 publ. 1986)—Mexico.

CHILOSCHISTA (Orchidac.).

- extinctoriformis* G. Seidenfaden in *Op. Bot.*, 95: 178 (1988)—Thailand.
parishii G. Seidenfaden in *Op. Bot.*, 95: 176 (1988)—Burma, Thailand, Nepal, Sikkim, Bhutan, India.

CHILOSCHISTA :-

- ramifera* G. Seidenfaden in *Op. Bot.*, 95: 179 (1988)—Thailand.
trudalii G. Seidenfaden in *Orchidee*, 38(6): 310 (1987)—Thailand.
viridiflava G. Seidenfaden in *Op. Bot.*, 95: 175 (1988)—Thailand.

CHIMAPHILA (Ericac.).

- umbellata*
subsp. *domingensis* (S.F. Blake) L.J. Dorr in *Sida*, 11(4): 370 (1986): C. *domingensis*.

CHIMEROPHORA Y. Ito, *The Cactaceae*: 658 (1981), stated type name not validly publ. **CACTACEAE**. †**CHIMONANTHUS** (Calycanthac.).

- caespitosus* T.B. Chao, Z.X. Chen & Z.Q. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 47 (1989)—China.

CHIMONOBAMBUSA (Gramin.).

- sect. Oreocalamus* (Keng) T.H. Wen & D. Ohrnberger in *D. Ohrnberger, Bamboos of the World: gen. Chimonobambusa*: 11 (1990): gen. *Oreocalamus*.
sect. Qiongzhueta (Hsueh & Yi) T.H. Wen & D. Ohrnberger in *D. Ohrnberger, Bamboos of the World: gen. Chimonobambusa*: 12 (1990): gen. *Qiongzhueta*.
subgen. *Quadrangulares* C.J. Hsueh & W.P. Zhang in *Bamboo Res.*, 1988(3): 8 (1988).
armata
f. *tuberculata* (Hsueh & L.Z. Gao) T.H. Wen in *D. Ohrnberger, Bamboos of the World: gen. Chimonobambusa*: 15 (1990): C. *tuberculata*.
brevinoda C.J. Hsueh & W.P. Zhang in *J. Bamboo Res.*, 7(1): 14 (1988)—China.
communis (Hsueh & Yi) T.H. Wen & D. Ohrnberger in *D. Ohrnberger, Bamboos of the World: gen. Chimonobambusa*: 16 (1990): *Qiongzhueta communis*.
damingshanensis C.J. Hsueh & W.P. Zhang in *Bamboo Res.*, 1988(3): 5 (1988)—China.
grandifolia C.J. Hsueh & W.P. Zhang in *J. Bamboo Res.*, 7(1): 17 (1988)—China.
lactistriata W.D. Li & Q.X. Wu in *J. Bamboo Res.*, 4(1): 46 (1985)—China.
linearifolia W.D. Li & Q.X. Wu in *J. Bamboo Res.*, 4(1): 47 (1985)—China.
luzhiensis (Hsueh & Yi) T.H. Wen & D. Ohrnberger in *D. Ohrnberger, Bamboos of the World: gen. Chimonobambusa*: 20 (1990): *Qiongzhueta luzhiensis*.
macrophylla (Hsueh & Yi) T.H. Wen & D. Ohrnberger in *D. Ohrnberger, Bamboos of the World: gen. Chimonobambusa*: 21 (1990): *Qiongzhueta macrophylla*.
f. *intermedia* (Hsueh & D.Z. Li) T.H. Wen & D. Ohrnberger in *D. Ohrnberger, Bamboos of the World: gen. Chimonobambusa*: 21 (1990): *Qiongzhueta intermedia*.
f. *leiboensis* (Hsueh & D.Z. Li) T.H. Wen & D. Ohrnberger in *D. Ohrnberger, Bamboos of the World: gen. Chimonobambusa*: 21 (1990): *Qiongzhueta macrophylla* f. *leiboensis*.
maculata (Wen) T.H. Wen in *J. Bamboo Res.*, 7(1): 31 (1988): *Qiongzhueta maculata*.
neopurpurea T.P. Yi in *J. Bamboo Res.*, 8(3): 22 (1989), as 'nom. nov.'—China.
ningnanica J.R. Xue & L.Z. Gao in *J. Bamboo Res.*, 6(2): 13 (1987)—China.
opienensis (Hsueh & Yi) T.H. Wen & D. Ohrnberger in *D. Ohrnberger, Bamboos of the World: gen. Chimonobambusa*: 30 (1990): *Qiongzhueta opienensis*.
paucispinosa T.P. Yi in *J. Bamboo Res.*, 9(3): 24 (1990)—China.
puberula (Hsueh & Yi) T.H. Wen & D. Ohrnberger in *D. Ohrnberger, Bamboos of the World: gen. Chimonobambusa*: 32 (1990): *Qiongzhueta puberula*.
pubescens T.H. Wen in *J. Bamboo Res.*, 5(2): 20 (1986)—China.
quadrangularis
f. *purpureiculma* T.H. Wen in *J. Bamboo Res.*, 8(1): 24 (1989)—China.

CHIMONOBAMBUSA :-

- recurva T.P. Yi in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 63 (1988)—China.
 rigidula (Hsueh & Yi) T.H. Wen & D. Ohrnberger in *D. Ohrnberger, Bamboos of the World: gen. Chimonobambusa*: 42 (1990); Qiongzhusa rigidula.
 rivularis T.P. Yi in *J. Bamboo Res.*, 8(3): 18 (1989)—China.
 sichuanensis (Yi) T.H. Wen in *J. Bamboo Res.*, 6(3): 33 (1987); Sinobambusa sichuanensis.
 szechuanensis
 f. flexuosa (Hsueh & C. Li) T.H. Wen & D. Ohrnberger in *D. Ohrnberger, Bamboos of the World: gen. Chimonobambusa*: 44 (1990); C. szechuanensis var. flexuosa.
 tuberculata J.R. Xue & L.Z. Gao in *J. Bamboo Res.*, 6(2): 11 (1987)—China.
 tumidissima D. Ohrnberger, *Bamboos of the World: gen. Chimonobambusa*: 45 (1990), as 'nom. nov.'—China.
 unifolia (Yi) T.H. Wen in *D. Ohrnberger, Bamboos of the World: gen. Chimonobambusa*: 46 (1990); Qiongzhusa unifolia.
 verruculosa (Yi) T.H. Wen & D. Ohrnberger in *D. Ohrnberger, Bamboos of the World: gen. Chimonobambusa*: 47 (1990); Qiongzhusa verruculosa.
 yunnanensis C.J. Hsueh & W.P. Zhang in *J. Bamboo Res.*, 7(1): 19 (1988)—China.

CHIONANTHUS (Oleac.).

- bumelioides
 var. lanceolata (Knobl.) Alain H. Liogier in *Phytologia*, 63(1): 66 (1987); Linociera lanceolata.
 hainanensis (Merr. & Chun) B.M. Miao in *Invest. Stud. Nat., Mus. Hist. Nat. Shanghaiense*, 7: 18 (1987); Linociera hainanensis.
 leucoclada (Merr. & Chun) B.M. Miao in *Invest. Stud. Nat., Mus. Hist. Nat. Shanghaiense*, 7: 18 (1987); Linociera leucoclada.
 longiflora (Li) B.M. Miao in *Invest. Stud. Nat., Mus. Hist. Nat. Shanghaiense*, 7: 18 (1987); Linociera longiflora.
 mala-elengi (Dennst.) P.S. Green in *Bull. Bot. Surv. India*, 26(1-2): 124 (1984 publ. 1985); Forsythia mala-elengi.
 ramiflorus
 var. grandiflorus B.M. Miao in *Invest. Stud. Nat., Mus. Hist. Nat. Shanghaiense*, 7: 17 (1987)—China.
 vitiensis (Seem.) A.C. Smith in *Fl. Vitiensis Nova*, 4: 139 (1988); Olea vitiensis.

CHIONOCHLOA (Gramin.).

- defracta H.E. Connor in *New Zealand J. Bot.*, 25(1): 164 (1987)—New Zealand.
 howensis S.W.L. Jacobs in *Telopea*, 3(2): 281 (1988)—Lord Howe Is.
 lanea H.E. Connor in *New Zealand J. Bot.*, 25(1): 165 (1987)—New Zealand.

CHIONOHEBE (Scrophulariac.).

- glabra (Cheesem.) M.J. Heads in *Bot. Soc. Otago Newsl.*, 5: 4 (1987); Veronica thomsonii var. glabra.

CHIONOLAENA (Compos.).

- aecidiocephala (Grierson) A.A. Anderberg & S.E. Freire in *Notes Roy. Bot. Gard. Edinburgh*, 46(1): 40 (1989); Anaphalis aecidiocephala.
 breweri J. Steyermark & B. Maguire in *Acta Bot. Venezuel.*, 14(3): 26 (1984)—Venezuela.
 concinna (A. Gray) A.A. Anderberg & S.E. Freire in *Notes Roy. Bot. Gard. Edinburgh*, 46(1): 40 (1989); Gnaphalium concinnum.

CHIRITA (Gesneriac.).

- crassituba W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 24 (1989)—China.
 dibangensis B.L. Burt, S.K. Srivastava & B.N. Mehrotra in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 469 (1988 publ. 1989)—India.
 latinervis W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 21 (1989)—China.
 leiophylla W.T. Wang in *Guihaia*, 6(3): 159 (1986)—China.

CHIRITA :-

- tenuituba (W.T. Wang) W.T. Wang in *Fl. Reipubl. Popul. Sin.*, 69: 388 (1990); Deltocheilos tenuitubum.
 villosissima W.T. Wang in *Guihaia*, 6(3): 161 (1986)—China.
 xinlingensis W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 22 (1989)—China.
 yungfuensis W.T. Wang in *Guihaia*, 7(2): 125 (1987)—China.

CHIRITOPSIS (Gesneriac.).

- mollifolia D. Fang & W.T. Wang in *Guihaia*, 6(1-2): 6 (1986)—China.
 subulata W.T. Wang in *Guihaia*, 6(1-2): 8 (1986)—China.
 xiuningensis X.L. Liu & X.H. Guo in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(3): 51 (1989)—China.

CHIRONIA (Gentianac.).

- ramosissima Bernh., *Syst. Verz.*: 123 (1800); cf. D.J. Mabberley in *Taxon*, 33(3): 443 (1985)—Locality not stated.

CHIROPETALUM (Euphorbiac.).

- phalacradenium (J. Ingram) L.B. Smith & R.J. Downs in *Fl. Illustr. Catar.*, 1(Euforbiac.): 155 (1988); Argythamnia phalacradenia.

CHITONIA (Melastomatac.).

- albicans (Sw.) D. Don ex G. Don f. in *Loud., Hort. Brit.*: 174 (1830); cf. D.J. Mabberley in *Taxon*, 30(1): 15 (1981); Basionym not stated.

CHLORIS (Gramin.).

- berazainiae L. Catasús Guerra in *Acta Bot. Cubana*, 25: 5 (1985), as 'berazainae'—Cuba.
 pilosa
 var. nigra (Hackel) C. Vanden Berghen in *Bull. Jard. Bot. Nation. Belg.*, 57(3-4): 455 (1987); C. nigra.
 sagraana
 subsp. cubensis (Hitchcock & Ekman) L. Catasús Guerra in *Acta Bot. Cubana*, 25: 6 (1985), without basionym page: C. cubensis.

CHLOROCHORION C. Puff & E. Robbrecht in *Bot. Jahrb.*, 110(4): 547 (1989). RUBIACEAE.

- foetidum (Verdcourt) C. Puff & E. Robbrecht in *Bot. Jahrb.*, 110(4): 547 (1989); Pentanisia foetida.
 monticola (K. Krause) C. Puff & E. Robbrecht in *Bot. Jahrb.*, 110(4): 547 (1989); Otomeria monticola.

CHLOROLEUCON (Legumin.).

- dumosum (Benth.) G.P. Lewis, *Legumes of Bahia*: 165 (1987); Pithecellobium dumosum.
 foliolosum (Benth.) G.P. Lewis, *Legumes of Bahia*: 166 (1987); Pithecellobium foliolosum.
 glazioui (Benth.) G.P. Lewis, *Legumes of Bahia*: 166 (1987); Pithecellobium glazioui.

CHLOROPHYTUM (Anthericac.).

- collinum (Poelln.) I. Nordal in *Mitt. Inst. Allg. Bot. Hamburg*, 23b: 539 (1990); Anthericum collinum.
 decoratum (Baker) C. Tittel in R. Mansfeld, *Verz. Landwirtsch. u. Gartn. Kulturpfl.*, Auf. 2, ed. J. Schultze-Motel, 3: 1343 (1986); Dasystachys decorata.
 dolichocarpum M.N. Tamura in *Acta Phytotax. Geobot.*, 40(1-4): 2 (1989)—Thailand.

CHLOROSPATA (Arac.).

- croatiana M.H. Grayum in *Ann. Missouri Bot. Gard.*, 73(2): 464 (1986)—Panama, Costa Rica, Colombia.
 subsp. enneaphylla M.H. Grayum in *Ann. Missouri Bot. Gard.*, 73(2): 466 (1986)—Colombia.
 gentryi M.H. Grayum in *Ann. Missouri Bot. Gard.*, 73(2): 468 (1986)—Colombia.
 hammeliana M.H. Grayum & T.B. Croat in *Ann. Missouri Bot. Gard.*, 73(2): 466 (1986)—Panama.

CHOMELIA (Rubiace.).

- glabralyx J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 657 (1987)—Venezuela.
 stergiosii J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(1): 105 (1987)—Venezuela.

CHONDRADENIA (Orchidac.).

- doyonensis (Hand.-Maz.) P. Vermeulen in *Jahresber. Naturwiss. Ver. Wuppertal*, 25: 36 (1972); Orchis doyonensis.

CHONDRILLA (Compos.).

- maracandica A. Bunge, *Beitr. Fl. Russl.*: 204 (1852)—U.S.S.R. (Middle Asia).†

CHONDROPETALUM (Restionac.).

- decipiens E.E. Esterhuysen in *Bothalia*, 15(3-4): 428 (1985)—South Africa (Cape Province).

CHONDROPYXIS D.A. Cooke in *Fl. S. Australia*, 3: 1612 (1986). COMPOSITAE.

- halophila D.A. Cooke in *Fl. S. Australia*, 3: 1613 (1986)—Australia (S. Australia, W. Australia).

CHONDRORHYNCHA (Orchidac.).

- anatona (Dressler) K. Senghas in *Orchidee*, 41(3): 91 (1990); Cochleanthes anatona.
 andreetae R. Jenny in *Orchidee*, 40(3): 92 (1989)—Ecuador.
 ecuadorensis C.H. Dodson in *Ic. Pl. Trop.*, Ser. 2, 5: t. 415 (1989)—Ecuador.
 hirtzii C.H. Dodson in *Ic. Pl. Trop.*, Ser. 2, 5: t. 416 (1989)—Ecuador.
 litensis C.H. Dodson in *Ic. Pl. Trop.*, Ser. 2, 5: t. 417 (1989)—Ecuador, Colombia.
 picta (Rchb. f.) K. Senghas in *Orchidee*, 41(3): 94 (1990); Warscewiczella picta.
 suarezii C.H. Dodson in *Ic. Pl. Trop.*, Ser. 2, 5: t. 418 (1989)—Ecuador.
 thienii (Dodson) K. Senghas in *Orchidee*, 41(3): 94 (1990), isonym; see *Dodson in Selbyana*, 7(2-4): 354 (1984); Cochleanthes thienii.
 velastiguii C.H. Dodson in *Ic. Pl. Trop.*, Ser. 2, 5: t. 419 (1989)—Ecuador.
 viridiseipala K. Senghas in *Orchidee*, 40(5): 181 (1989)—Ecuador.
 vollesii G. Gerlach, T. Neudecker & H.G. Seeger in *Orchidee*, 40(4): 131 (1989)—Colombia.

CHORIGYNE R. Eriksson in *Nordic J. Bot.*, 9(1): 33 (1989). CYCLANTHACEAE.

- cylindrica R. Eriksson in *Nordic J. Bot.*, 9(1): 44 (1989)—Panama.
 densiflora R. Eriksson in *Nordic J. Bot.*, 9(1): 35 (1989)—Panama.
 ensiformis (Hook. f.) R. Eriksson in *Nordic J. Bot.*, 9(1): 37 (1989); Carludovicia ensiformis.
 paucinervis R. Eriksson in *Nordic J. Bot.*, 9(1): 40 (1989)—Panama.
 pendula (Hammel) R. Eriksson in *Nordic J. Bot.*, 9(1): 39 (1989); Sphaeradenia pendula.
 pterophylla R. Eriksson in *Nordic J. Bot.*, 9(1): 40 (1989)—Costa Rica, Panama.
 tumescens R. Eriksson in *Nordic J. Bot.*, 9(1): 44 (1989)—Panama.

CHORIZANTHE (Polygonac.).

- subsect. Acanthogonum (Torr.) J.L. Reveal & C.B. Hardham in *Phytologia*, 66(2): 179 (1989); gen. Acanthogonum.
 subgen. Amphitetes J.L. Reveal & C.B. Hardham in *Phytologia*, 66(2): 113 (1989).
 subsect. Ansata J.L. Reveal & C.B. Hardham in *Phytologia*, 66(2): 183 (1989).
 subsect. Chorizanthella (C. Parry) J.L. Reveal & C.B. Hardham in *Phytologia*, 66(2): 186 (1989); C. sect. Chorizanthella.
 sect. Clastoscapa J.L. Reveal & C.B. Hardham in *Phytologia*, 66(2): 194 (1989).
 subgen. Eriogonella (Goodman) J.L. Reveal & C.B. Hardham in *Phytologia*, 66(2): 110 (1989); gen. Eriogonella.
 subsect. Exolophyta J.L. Reveal & C.B. Hardham in *Phytologia*, 66(2): 182 (1989).
 sect. Fragile J.L. Reveal & C.B. Hardham in *Phytologia*, 66(2): 188 (1989).
 subsect. Legnota J.L. Reveal & C.B. Hardham in *Phytologia*, 66(2): 116 (1989).
 subsect. Parvatia J.L. Reveal & C.B. Hardham in *Phytologia*, 66(2): 176 (1989).
 subsect. Petasata J.L. Reveal & C.B. Hardham in *Phytologia*, 66(2): 134 (1989).
 subgen. Quintaria J.L. Reveal & C.B. Hardham in *Phytologia*, 66(2): 108 (1989).

CHORIZANTHE :-

- biloba*
var. *immemora* J.L. Reveal & C.B. Hardham in *Phytologia*, 66(2): 138 (1989)—U.S.A. (California).
- pungens*
var. *hartwegiana* J.L. Reveal & C.B. Hardham in *Phytologia*, 66(2): 125 (1989)—U.S.A. (California).
- robusta*
var. *hartwegii* (Benth.) J.L. Reveal & R. Morgan in *Phytologia*, 67(5): 358 (1989); *C. douglasii* var. *hartwegii*.
- rosulenta* J.L. Reveal in *Phytologia*, 66(2): 95 (1989)—Mexico.

CHRISTIA (Legumin.).

- vespertilionis*
var. *grandifolia* P. Dy Phon in *Fl. Cambodge, Laos & Vietnam*, 23: 124 (1987)—Vietnam.

CHRISTOLEA (Crucif.).

- baigoinensis* K.C. Kuan & An in *Fl. Xizangica*, 2: 388 (1985)—Xizang.
- rosularis* K.C. Kuan & An in *Fl. Xizangica*, 2: 386 (1985)—Xizang.

CHROMOLAENA (Compos.).

- impetiolaris* (Griseb.) D.H. Nicolson in *Phytologia*, 62(3): 164 (1987); *Eupatorium impetiolare*.
- macrodon* (DC.) D.H. Nicolson in *Phytologia*, 62(3): 164 (1987); *Eupatorium macrodon*.

CHROZOPHORA (Euphorbiac.).

- integrifolia* A. Bunge, *Beitr. Fl. Russl.*: 314 (1852)—U.S.S.R. (Middle Asia). †
- tinctoria*
subsp. *obliqua* (Vahl) O. de Bolos & J. Vigo, *Fl. Països Catalans*, 2: 547 (1990); *Croton obliquus*.

CHRYSANTHELLUM (Compos.).

- indicum*
var. *madagascarense* B.L. Turner in *Phytologia*, 64(6): 432 (1988)—Madagascar.
- keilii* B.L. Turner in *Phytologia*, 64(6): 437 (1988)—Mexico.

CHRYSANTHEMUM (Compos.).

- grandiflorum* (W.J. Hooker) W.J. Hooker in W.E. Parry's *Second Voyage, Appendix*: 398 (1825 publ. 1827); *Pyrethrum grandiflorum*. †
- japonicum* C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 773 (1784)—Japan. †
- sinense Sabine* in *Tilloch & Taylor, Phil. Mag.*, 61: 235 (1823); cf. D.J. Mabberley in *Taxon*, 31(1): 70 (1982)—Locality not stated.
- zawadskii*
var. *mongolicum* (Ling) I.A. Gubanov in L.G. Byazrov et al., *Fl. Khangaya*: 151 (1989); *C. mongolicum*.

CHRYSASPIS (Legumin.).

- karatavica* (Pavl.) Yu.R. Roskov in *Bot. Zhurn.*, 75(5): 720 (1990); *Trifolium karatavicum*.
- rytidosemia* (Boiss. & Hohen.) Yu.R. Roskov in *Bot. Zhurn.*, 75(5): 720 (1990); *Trifolium rytidosemium*.

CHRYSOBALANUS (Chrysobalanac.).

- venezuelanus* G.T. Prance in *Fl. Neotrop.*, 9S: 4 (1989)—Venezuela.

CHRYSOCYCNIS (Orchidac.).

- tigrinum* (C. Schweinf.) J.T. Atwood in *Icon. Pl. Trop.*, 14 (Orch. Costa Rica, pt. 1): t. 1306 (1989); *Maxillaria tigrina*.

CHRYSOPHYLLUM (Sapotac.).

- sect. Priurella* (Pierre) T.D. Pennington in *Fl. Neotrop.*, 52: 592 (1990); gen. *Priurella*.
- sect. Ragala* (Pierre) T.D. Pennington in *Fl. Neotrop.*, 52: 582 (1990); gen. *Ragala*.
- amazonicum* T.D. Pennington in *Fl. Neotrop.*, 52: 595 (1990), nom. nov.: *Priurella wurdackii* Aubréville.

CHRYSOPHYLLUM :-

- argenteum*
subsp. *auratum* (Miquel) T.D. Pennington in *Fl. Neotrop.*, 52: 545 (1990); *C. auratum*.
- subsp. *ferrugineum* (Ruiz & Pavón) T.D. Pennington in *Fl. Neotrop.*, 52: 547 (1990); *Nycterisition ferrugineum*.
- subsp. *nitidum* (G.F.W. Meyer) T.D. Pennington in *Fl. Neotrop.*, 52: 548 (1990); *C. nitidum*.
- subsp. *panamense* (Pittier) T.D. Pennington in *Fl. Neotrop.*, 52: 548 (1990); *C. panamense*.
- asraoi* Rakesh Kumari & K. Thothathri in *Indian J. Forest.*, 13(1): 61 (1990)—India.
- bombycinum* T.D. Pennington in *Fl. Neotrop.*, 52: 588 (1990)—Peru, Brazil.
- colombianum* (Aubréville) T.D. Pennington in *Fl. Neotrop.*, 52: 596 (1990); *Priurella colombiana*.
- durifructum* (Rodriguez) T.D. Pennington in *Fl. Neotrop.*, 52: 604 (1990); *Achrouteria durifruca*.
- eurphyllum* T.D. Pennington in *Fl. Neotrop.*, 52: 571 (1990)—Colombia.
- lanatum* T.D. Pennington in *Fl. Neotrop.*, 52: 617 (1990)—Colombia.
- lucentifolium*
subsp. *pachycarpum* Pires & T.D. Pennington in *Fl. Neotrop.*, 52: 606 (1990)—Venezuela, Panama, Colombia, Ecuador, Peru, Brazil, Bolivia.
- manaosense* (Aubréville) T.D. Pennington in *Fl. Neotrop.*, 52: 598 (1990); *Priurella manaosensis*.
- marginatum*
subsp. *tomentosum* (Miquel) T.D. Pennington in *Fl. Neotrop.*, 52: 563 (1990); *C. ebenaceum* var. *tomentosum*.
- oliviforme*
subsp. *angustifolium* (Lamarck) T.D. Pennington in *Fl. Neotrop.*, 52: 541 (1990); *C. angustifolium*.
- paranaense* T.D. Pennington in *Fl. Neotrop.*, 52: 578 (1990)—Brazil.
- pomiferum* (Eyma) T.D. Pennington in *Fl. Neotrop.*, 52: 602 (1990); *Achrouteria pomifera*.
- sanguinolentum*
subsp. *balata* (Ducke) T.D. Pennington in *Fl. Neotrop.*, 52: 587 (1990); *Ecclinusa balata*.
- subsp. *spurius* (Ducke) T.D. Pennington in *Fl. Neotrop.*, 52: 585 (1990); *Ecclinusa spuria*.
- scalare* T.D. Pennington in *Fl. Neotrop.*, 52: 590 (1990)—Venezuela, Peru.
- striatum* T.D. Pennington in *Fl. Neotrop.*, 52: 573 (1990)—Panama.
- superbum* T.D. Pennington in *Fl. Neotrop.*, 52: 619 (1990)—Brazil.
- ucuquirana-branca* (Aubréville & Pellegrin) T.D. Pennington in *Fl. Neotrop.*, 52: 589 (1990); *Ecclinusa ucuquirana-branca*.
- venezuelanense* (Pierre) T.D. Pennington in *Fl. Neotrop.*, 52: 607 (1990); *Cornuella venezuelanensis*.

CHRYSOSPLENIUM (Saxifragac.).

- sect. Grayana* J.T. Pan in *Acta Phytotax. Sin.*, 24(3): 204 (1986).
- ser. Ramosa* J.T. Pan in *Acta Phytotax. Sin.*, 24(3): 206 (1986).
- sect. Trichosperma* J.T. Pan in *Acta Phytotax. Sin.*, 24(3): 203 (1986).
- abscanditicapsulum* J.T. Pan in *Fl. Xizangica*, 2: 450 (1985)—Xizang.
- arctomontanum* (Petrovsky) S.S. Kharkevich in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 4: 185 (1989); *C. alternifolium* subsp. *arctomontanum*.
- chinense* (Hara) J.T. Pan in *Acta Phytotax. Sin.*, 24(2): 93 (1986); *C. alternifolium* var. *chinense*.
- dezhnevii* (Furtz.) S.S. Kharkevich in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 4: 182 (1989); *C. rimosum* subsp. *dezhnevii*.
- griffithii*
var. *intermedium* (Hara) J.T. Pan in *Acta Phytotax. Sin.*, 24(2): 92 (1986); *C. nudicaule* var. *intermedium*.
- hydrocotylifolium*
var. *emeiense* J.T. Pan in *Acta Phytotax. Sin.*, 24(2): 94 (1986)—China.
- lanuginosum*
var. *ciliatum* (Franch.) J.T. Pan in *Acta Phytotax. Sin.*, 24(2): 96 (1986); *C. ciliatum*.
- var. *pilosomarginatum* (Hara) J.T. Pan in *Acta Phytotax. Sin.*, 24(2): 96 (1986); *C. pilosomarginatum*.

CHRYSOSPLENIUM :-

- lixianense* Jien ex J.T. Pan in *Acta Phytotax. Sin.*, 24(3): 207 (1986)—China.
- pilosum*
var. *pilosopetiolatum* (Jien) J.T. Pan in *Acta Phytotax. Sin.*, 24(3): 206 (1986); *C. pilosopetiolatum*.
- qinlingense* Jien ex J.T. Pan in *Acta Phytotax. Sin.*, 24(3): 208 (1986)—China.
- sibiricum* (Ser. ex DC.) S.S. Kharkevich in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 4: 185 (1989); *C. alternifolium* var. *sibiricum*.
- sibiricum* (Ser. ex DC.) A.P. Khokhryakov, *Analiz Fl. Kolym'skogo Nagor'ya*: 43 (1989); *C. alternifolium* var. *sibiricum*.
- taibaihanense* J.T. Pan in *Acta Phytotax. Sin.*, 24(2): 97 (1986)—China.

CHRYSOTHAMNUS (Compos.).

- nauseosus*
var. *abbreviatus* (Jones) S.L. Welsh in *Great Basin Nat.*, 43(2): 241 (1983); *Bigelovia leiosperma* var. *abbreviata*.
- var. *arenarius* (L.C. Anderson) S.L. Welsh in *Great Basin Nat.*, 43(2): 241 (1983); *C. nauseosus* subsp. *arenarius*.
- var. *glareosus* (Jones) S.L. Welsh in *Great Basin Nat.*, 43(2): 241 (1983); *Bigelovia glareosa*.
- var. *iridis* (L.C. Anderson) S.L. Welsh in *Great Basin Nat.*, 43(2): 242 (1983); *C. nauseosus* subsp. *iridis*.
- var. *nitidus* (L.C. Anderson) S.L. Welsh in *Great Basin Nat.*, 43(2): 242 (1983); *C. nauseosus* subsp. *nitidus*.
- subsp. *uintahensis* L.C. Anderson in *Great Basin Nat.*, 44(3): 416 (1984)—U.S.A. (Utah).
- var. *uintahensis* (L.C. Anderson) S.L. Welsh in *S.L. Welsh et al., Utah Fl. (Great Basin Nat. Mem. 9)*: 168 (1987); *C. nauseosus* subsp. *uintahensis*.

CHRYSURUS (Gramin.).

- aureus* (L.) Besser, *Cat. Jard. Bot. Krz.*: 30 (1810); cf. D.J. Mabberley in *Taxon*, 31(1): 70 (1982); *Basionym* not stated.

CHTHONOCEPHALUS (Compos.).

- muellerianus* P.S. Short in *Muelleria*, 7(2): 234 (1990)—Australia (W. Australia).
- oldfieldianus* P.S. Short in *Muelleria*, 7(2): 230 (1990)—Australia (W. Australia).
- spathulatus* P.S. Short in *Muelleria*, 7(2): 228 (1990)—Australia (W. Australia).
- viscosus* P.S. Short in *Muelleria*, 7(2): 236 (1990)—Australia (W. Australia).

CHUKRASIA A. Jussieu in Mirb. & Cass. apud Guill. in *Bull. Sci. Nat. Geol.*, 23: 239 (1830); cf. D.J. Mabberley in *Taxon*, 31(1): 66 (1982). **MELIACEAE**.**CHUSQUEA** (Gramin.).

- sect. Longifoliae* L.G. Clark, *Syst. Chusquea* (Syst. Bot. Monog., 27): 105 (1989).
- sect. Longiphyllae* L.G. Clark in *Syst. Bot.*, 15(4): 626 (1990).
- sect. Serpentes* L.G. Clark, *Syst. Chusquea* (Syst. Bot. Monog., 27): 91 (1989).
- sect. Swallenochloa* (McClure) L.G. Clark, *Syst. Chusquea* (Syst. Bot. Monog., 27): 29 (1989); gen. *Swallenochloa*.
- sect. Verticillatae* L.G. Clark, *Syst. Chusquea* (Syst. Bot. Monog., 27): 74 (1989).
- angustifolia* (Soderstrom & C. Calderón) L.G. Clark in *Ann. Missouri Bot. Gard.*, 74(2): 428 (1987); *Swallenochloa angustifolia*.
- aperta* L.G. Clark in *Ann. Missouri Bot. Gard.*, 74(2): 426 (1987)—Mexico.
- effusa* S.A. Renvoize in *Kew Bull.*, 42(4): 924 (1987)—Brazil.
- elegans* S.A. Renvoize in *Kew Bull.*, 42(4): 924 (1987)—Brazil.
- exasperata* L.G. Clark in *Syst. Bot.*, 15(4): 627 (1990)—Ecuador, Peru.
- glauca* L.G. Clark, *Syst. Chusquea* (Syst. Bot. Monog., 27): 95 (1989)—Mexico.
- grandiflora* L.G. Clark in *Ann. Missouri Bot. Gard.*, 74(2): 424 (1987)—Panama, Colombia.

CHUSQUEA :-

- londoniae L.G. Clark in *Syst. Bot.*, 15(4): 628 (1990)—Colombia.
 longiligulata (Soderstrom & C. Calderón) L.G. Clark in *Ann. Missouri Bot. Gard.*, 74(2): 428 (1987): Swallenochloa longiligulata.
 longiprophylla L.G. Clark in *Syst. Bot.*, 15(4): 631 (1990)—Colombia.
 maculata L.G. Clark in *Syst. Bot.*, 15(4): 632 (1990)—Venezuela, Colombia.
 vulcanalis (Soderstrom & C. Calderón) L.G. Clark in *Ann. Missouri Bot. Gard.*, 74(2): 428 (1987): Swallenochloa vulcanalis.

CHYMOCARPUS D. Don ex Brewster, Taylor & Philips, *Phil. Mag. & J. Sci.*, 2: 68 (Jan. 1833); cf. D.J. Mabberley in *Taxon*, 30(1): 15 (1981). **TROPAEOLACEAE**.

CHYSIS (Orchidac.).

- thorvaldsenii Liebm. in *Schouw, Forteg. Kjöb. Bot. Hav. Pl.*: 26 (1847); cf. D.J. Mabberley in *Taxon*, 33(3): 439 (1984)—Locality not stated.

CIBIRHIZA P. Bruyns in *Notes Roy. Bot. Gard. Edinburgh*, 45(1): 51 (1988). **ASCLEPIADACEAE**.
 dhofarensis P. Bruyns in *Notes Roy. Bot. Gard. Edinburgh*, 45(1): 51 (1988)—Oman.

CICER (Legumin.).

- subgen. Stenophylloma A. Santos Guerra & G.P. Lewis in *Kew Bull.*, 41(2): 459 (1986).
 canariense A. Santos Guerra & G.P. Lewis in *Kew Bull.*, 41(2): 461 (1986)—Canary Is.
 nigrum Hort. Vindob. ex Zeyher, *Verz. Saemm. Gewaech. Schwezingen*: 53 (1818); cf. D.J. Mabberley in *Taxon*, 33(3): 441 (1984)—Locality not stated.

CICERBITA (Compos.).

- cyanea
 var. khasiana (Clarke) S.K. Mamgain & R.R. Rao in *J. Bombay Nat. Hist. Soc.*, 86(2): 273 (1989): *Lactuca hastata* var. khasiana.
 var. paniculata (Clarke) S.K. Mamgain & R.R. Rao in *J. Bombay Nat. Hist. Soc.*, 86(2): 273 (1989): *Lactuca hastata* var. paniculata.
 filicina (Duthie ex Stebbins) B.S. Asval & A.K. Goel in *J. Econ. Taxon. Bot.*, 12(1): 12 (1988): *Lactuca filicina*.
 filicina (Duthie ex Stebbins) S.K. Mamgain & R.R. Rao in *J. Bombay Nat. Hist. Soc.*, 86(2): 273 (1989), isonym: *Lactuca filicina*.
 lessertiana (Wall. ex DC.) S.K. Mamgain & R.R. Rao in *J. Bombay Nat. Hist. Soc.*, 86(2): 273 (1989): *Mulgedium lessertianum*.
 subsp. dentata (DC.) S.K. Mamgain & R.R. Rao in *J. Bombay Nat. Hist. Soc.*, 86(2): 273 (1989), without basionym page or date: *Mulgedium lessertianum* var. dentatum.
 subsp. lyrata (Decne.) S.K. Mamgain & R.R. Rao in *J. Bombay Nat. Hist. Soc.*, 86(2): 273 (1989): *Melanoseris lyrata*.

CICHOBIUM (Compos.).

- intybus
 subsp. glabratum (C. Presl) G. Wagenitz & U. Bedarff in *Davis & Hedge Festschrift (ed. Kit Tan)*: 12 (1989): *C. glabratum*.

CIMICIFUGA (Ranunculac.).

- sect. *Macrotys* (Raf. ex DC.) M. Tamura in *Acta Phytotax. Geobot.*, 41(1-3): 99 (1990): *Actaea* sect. *Macrotys*.
 sect. *Oligocarpa* M. Tamura in *Acta Phytotax. Geobot.*, 41(1-3): 99 (1990).
 sect. *Pityrosperma* (Sieb. & Zucc.) M. Tamura in *Acta Phytotax. Geobot.*, 41(1-3): 99 (1990): gen. *Pityrosperma*.

CIMINALIS (Gentianac.).

- variegata V.V. Zuev in *Bot. Zhurn.*, 71(10): 1406 (1986)—U.S.S.R. (Siberia, Middle Asia), Mongolia.

CINCHONA (Rubiac.).

- orixensis Roxb., *Bot. Descr. Swietenia*: 21 (1793) et in *Med. Facts Obs.*, 6: 152 (1795); cf. D.J. Mabberley in *Taxon*, 31(1): 66 (1982)—India.
 sanctae-luciae Kentish, *Exp. Obs. New Sp. Bark*: 51 (1784); cf. D.J. Mabberley in *Taxon*, 31(1): 66 (1982)—Locality not stated.
 stadtmannii J.V. Thompson, *Cat. Exot. Fl. Maurit.*, ed. 2: 8 (1822); cf. D.J. Mabberley in *Taxon*, 31(1): 68 (1982)—Locality not stated.

CINERARIA (Compos.).

- albomontana O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 185 (1988 publ. 1989)—South Africa (Cape Province), Lesotho.
 dubia Weigel, *Hort. Gryph.*: 32 (1782); cf. D.J. Mabberley in *Taxon*, 33(3): 441 (1984)—Locality not stated.
 exsquamata Sweet, *Hort. Brit.*, ed. 2: 305 (1830); cf. D.J. Mabberley in *Taxon*, 31(1): 70 (1982)—Locality not stated.
 japonica C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 766 (1784)—Japan.†
 petasites (L.) Bernh., *Syst. Verz.*: 146 (1800); cf. D.J. Mabberley in *Taxon*, 33(3): 443 (1984): Basionym not stated.
 vagans O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 186 (1988 publ. 1989)—South Africa (Cape Province).

CINNA (Gramin.).

- agrostoides Beauvois, *Ess. Agrostogr.*: 147 (1812), nom. nov.: *Agrostis arundinacea* L.
 suaveolens (Fries) Fries in *Schouw, Forteg. Kjöb. Bot. Hav. Pl.*: 7 (1847); cf. D.J. Mabberley in *Taxon*, 33(3): 439 (1984): Basionym not stated.

CINNAMOMUM (Laurac.).

- alcinii (Allen) A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 439 (1988): *Phoebe alcinii*.
 altissimum A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 439 (1988)—Malaya, Sumatra.
 anacardium A.J.G.H. Kostermans in *Ginkgoana*, 6: 37 (1986)—Philippine Is.
 antillanum (Meissn.) A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 441 (1988): *Phoebe antillana*.
 areolatoscostae (Allen) A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 441 (1988): *Phoebe areolatoscostae*.
 arfakense A.J.G.H. Kostermans in *Ginkgoana*, 6: 100 (1986)—New Guinea (W. Irian).
 bintulense A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 441 (1988)—Borneo (Sarawak).
 breedlovii (Lundell) A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 442 (1988): *Phoebe breedlovii*.
 cebuense A.J.G.H. Kostermans in *Ginkgoana*, 6: 56 (1986)—Philippine Is.
 chavarrianum (Hammel) A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 442 (1988): *Phoebe chavarriana*.
 corsoanum (Lundell) A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 442 (1988): *Phoebe corsoana*.
 culitlawan (L.) A.J.G.H. Kostermans in *Ginkgoana*, 6: 67 (1986): *Laurus culitlawan*.
 ebaloi A.J.G.H. Kostermans in *Ginkgoana*, 6: 50 (1986)—Philippine Is.
 erectifolium (Allen) A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 442 (1988): *Phoebe erectifolia*.
 filipedicellatum A.J.G.H. Kostermans in *Bull. Bot. Surv. India*, 25(1-4): 92 (1983 publ. 1985)—India.
 fouilloi A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 442 (1988)—Borneo (Kalimantan).
 fruticosum (Lundell) A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 443 (1988): *Phoebe fruticosa*.
 galeottianum (Mez) A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 443 (1988): *Phoebe galeottiana*.
 goaense A.J.G.H. Kostermans in *Bull. Bot. Surv. India*, 25(1-4): 94 (1983 publ. 1985)—India.
 grandiflorum A.J.G.H. Kostermans in *Ginkgoana*, 6: 89 (1986)—New Guinea (W. Irian, Papua New Guinea).
 grandis A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 443 (1988)—Borneo (Sabah).
 hartmannii (Johnston) A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 444 (1988): *Phoebe hartmannii*.

CINNAMOMUM :-

- impressum (Meissn.) A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 444 (1988): *Phoebe impressa*.
 japonicum
 var. chenii (Nakai) G.F. Tao in *J. Wuhan Bot. Res.*, 4(2): 164 (1986), without basionym ref.: *C. chenii*.
 keralacense A.J.G.H. Kostermans in *Bull. Bot. Surv. India*, 25(1-4): 98 (1983 publ. 1985)—India.
 lanuginosum A.J.G.H. Kostermans in *Ginkgoana*, 6: 138 (1986)—Fiji.
 longepedicellatum A.J.G.H. Kostermans in *Ginkgoana*, 6: 98 (1986)—New Guinea (Papua New Guinea).
 malayanum A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 444 (1988)—Malaya.
 mayanum (Lundell) A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 446 (1988): *Phoebe mayana*.
 melliodorum A.J.G.H. Kostermans in *Ginkgoana*, 6: 131 (1986)—New Britain.
 mendozae A.J.G.H. Kostermans in *Ginkgoana*, 6: 58 (1986), as 'mendozai'—Philippine Is.
 miaoshanense S. Lee & F.N. Wei in *Guihaia*, 8(4): 302 (1988)—China.
 micranthum
 f. kanehirae (Hayata) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 1: 309 (1985): *Cinnamomum kanehirae*.
 nanophyllum A.J.G.H. Kostermans in *Ginkgoana*, 6: 45 (1986), nom. nov.: *C. microphyllum Quisumbing & Merrill*.
 nicolsonianum K.S. Manilal & M. Shylaja in *Bull. Bot. Surv. India*, 28(1-4): 111 (1986 publ. 1988)—India.
 nooteboomii A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 446 (1988)—Borneo (Sarawak), Sumatra.
 novae-britanniae A.J.G.H. Kostermans in *Ginkgoana*, 6: 129 (1986)—Santa Cruz Is. (South Pacific).
 nunesianum (de Vattimo) A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 447 (1988): *Phoebe nunesiana*.
 oblongum A.J.G.H. Kostermans in *Ginkgoana*, 6: 59 (1986)—Philippine Is.
 ovaluense A.J.G.H. Kostermans in *Ginkgoana*, 6: 144 (1986)—Fiji.
 pachyepes A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 447 (1988)—Malaya.
 pachypodium (Nees) A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 447 (1988): *Persea pachypoda*.
 paiei A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 448 (1988)—Borneo (Sarawak).
 panayense A.J.G.H. Kostermans in *Ginkgoana*, 6: 46 (1986)—Philippine Is.
 parvulum (Lundell) A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 448 (1988): *Phoebe parvula*.
 perglabrum A.J.G.H. Kostermans in *Ginkgoana*, 6: 45 (1986)—Philippine Is.
 peruvianum (Meissn.) A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 448 (1988): *Phoebe peruviana*.
 petiolatum A.J.G.H. Kostermans in *Ginkgoana*, 6: 81 (1986)—New Guinea (W. Irian).
 pickellii (Coe-Teixeira) A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 448 (1988): *Phoebe pickellii*.
 polderi A.J.G.H. Kostermans in *Ginkgoana*, 6: 25 (1986)—Celebes.
 polyadelphum (Lour.) A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 449 (1988): *Laurus polyadelpa*.
 porphyrospermum A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 450 (1988)—Sumatra.
 rupestre A.J.G.H. Kostermans in *Ginkgoana*, 6: 35 (1986)—Philippine Is.
 safrol A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 451 (1988)—Malaya.
 sancti-caroli A.J.G.H. Kostermans in *Ginkgoana*, 6: 38 (1986)—Philippine Is.
 subaveniopsis A.J.G.H. Kostermans in *Ginkgoana*, 6: 27 (1986)—Celebes.
 subsericeum A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 452 (1988)—Vietnam, Cambodia.
 talawaense A.J.G.H. Kostermans in *Ginkgoana*, 6: 127 (1986)—New Britain.
 trinerve (Lundell) A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 453 (1988): *Phoebe trinervis*.
 trintaense A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 453 (1988)—Malaya.
 utile A.J.G.H. Kostermans in *Ginkgoana*, 6: 55 (1986)—Philippine Is.

CINNAMOMUM :-

- vacciniifolium A.J.G.H. Kostermans in *Ginkgoana*, 6: 80 (1986)—New Guinea (W. Irian).
 vanderwerffii A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 454 (1988), nom. nov.: *Phoebe glabra* van der Werff.
 villosulum S. Lee & F.N. Wei in *Guihaia*, 8(4): 301 (1988)—China.
 vitiense A.J.G.H. Kostermans in *Ginkgoana*, 6: 142 (1986)—Fiji.
 walaiaiwense A.J.G.H. Kostermans in *Bull. Bot. Surv. India*, 25(1-4): 119 (1983 publ. 1985)—India.
 woodii A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 454 (1988)—Borneo (Sabah).

CIPURA (Iridac.).

- formosa P. Ravenna in *Onira, Bot. Leaflet*, 1(5): 36 (1988)—Brazil.
 insularis P. Ravenna in *Onira, Bot. Leaflet*, 1(5): 42 (1988), nom. nov.: *C. cubensis* Wright ex Sauvalle.
 northiana (Schneev.) Endl., *Cat. Horti Vindob.*, 1: 156 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 435 (1984): Basionym not stated.
 paludosa
 subsp. boliviensis P. Ravenna in *Onira, Bot. Leaflet*, 1(5): 40 (1988)—Bolivia.
 subsp. caatingensis P. Ravenna in *Onira, Bot. Leaflet*, 1(5): 39 (1988)—Brazil.
 subsp. decora P. Ravenna in *Onira, Bot. Leaflet*, 1(5): 38 (1988)—Brazil.
 subsp. robusta P. Ravenna in *Onira, Bot. Leaflet*, 1(5): 38 (1988)—Brazil.
 subsp. warmingii (Kl.) P. Ravenna in *Onira, Bot. Leaflet*, 1(5): 39 (1988): *Marica warmingii*.
 paradisiaca P. Ravenna in *Onira, Bot. Leaflet*, 1(5): 37 (1988)—Brazil.
 rupicola P. Goldblatt & J.E. Henrich in *Ann. Missouri Bot. Gard.*, 74(2): 337 (1987)—Venezuela.
 xanthomelas
 subsp. flavescens P. Ravenna in *Onira, Bot. Leaflet*, 1(5): 40 (1988)—Brazil.

CIRCAEA (Onagrac.).

- taiwaniana S.S. Ying, *Alp. Pl. Taiwan in Color*, 2: 199 (1978)—Taiwan.
 ×taronensis H. Li in *Fl. Yunnanica*, 4: 157 (1986)—China. (*C. alpina* subsp. *imaicola* × *cordata*).

CIRSIMUM (Compos.).

- arizonicum
 var. nidulum (Jones) S.L. Welsh in *Great Basin Nat.*, 43(2): 248 (1983): *Cnicus nidulus*.
 calcareum
 var. bipinnatum (Eastw.) S.L. Welsh in *Great Basin Nat.*, 43(2): 249 (1983): *Cnicus drummondii* var. *bipinnatum*.
 var. pulchellum (Greene ex Rydb.) S.L. Welsh in *Great Basin Nat.*, 43(2): 249 (1983): *Carduus pulchellus*.
 chikushiense
 var. yakusimense (Masamune) T. Yahara in *J. Fac. Sci. Univ. Tokyo, Bot.*, 14(2): 113 (1987): *C. yakusimense*.
 davisianum Kit Tan & F. Sorger in *Pl. Syst. Evol.*, 154(1-2): 122 (1986)—Turkey.
 echinatum
 var. willkommianum (Porta & Rigo) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 91 (1987 publ. 1988), without exact basionym date: *C. willkommianum*.
 eliasianum Kit Tan & F. Sorger in *Pl. Syst. Evol.*, 154(1-2): 123 (1986)—Turkey.
 eriophorum
 var. costae (Sennen & Pau ex Sennen) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 91 (1987 publ. 1988): *C. corbariense* var. *costae*.
 falconeri
 var. horrida (Hook. f.) B.S. Aswal & A.K. Goel in *J. Econ. Taxon. Bot.*, 12(1): 12 (1988): *C. involucratum* var. *horrida*.
 hida-paludosum Y. Kadota & H. Nagase in *Bull. Nation. Sci. Mus., B (Tokyo)*, 14(1): 13 (1988)—Japan.
 hispanicum (Lam.) Lag., *Elenchus*: 5 (1816); cf. D.J. Mabberley in *Taxon*, 31(1): 70 (1982): Basionym not stated.

CIRSIMUM :-

- hispanicum (Lam.) Font Quer & Rothmaler, *Sched. Fl. Iber. Select., Cent. II-III*, n. 286 (1935); cf. C. Navarro, M. Gutiérrez-Bustillo & A.G. Bueno in *Fontqueria*, 7: 12 (1985): *Carduus hispanicus*.
 japonicum
 var. okiense H. Koyama & Murata in *Acta Phytotax. Geobot.*, 37(4-6): 188 (1986)—Japan.
 neomexicanum
 var. utahense (Petrak) S.L. Welsh in *Great Basin Nat.*, 43(2): 251 (1983): *C. utahense*.
 nipponicum
 var. sadoense T. Yamazaki in *J. Jap. Bot.*, 64(2): 49 (1989)—Japan.
 rassulovii B.A. Sharipova in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 1(114): 66 (1989)—U.S.S.R. (Middle Asia).
 roseolum Z.S. Goralcheva in *Bot. Zhurn.*, 74(12): 1783 (1989)—U.S.S.R. (Ukraine).
 salicifolium (Kitag.) C. Shih in *Fl. Reipubl. Popul. Sin.*, 78(1): 99 (1987): *C. viassovianum* var. *salicifolium*.
 sieboldii
 f. leucanthum T. Shimizu in *J. Phytoeogr. Taxon.*, 37(2): 120 (1989)—Japan.
 undulatum
 var. tracyi (Rydb.) S.L. Welsh in *Great Basin Nat.*, 43(2): 254 (1983): *Carduus tracyi*.
 wallichii
 var. fasciculatum (Hook. f.) K.S. Manilal & C.R. Suresh in *K.S. Manilal, Fl. Silent Valley*: 153 (1988), isonym, see p. 368: *Cnicus wallichii* var. *fasciculata*.
 ×winkleri Font Quer, *Sched. Fl. Iber. Select., Cent. II-III*, n. 291 (1935); cf. C. Navarro, M. Gutiérrez-Bustillo & A.G. Bueno in *Fontqueria*, 7: 12 (1985)—Locality not stated. (*C. flavispina* × *gregarium*).

×**CISCHOSTALIX** hort. in *Orchid Rev.*, 98(1162): centre page pull-out p. 9 (1990). **ORCHIDACEAE**. (*Cischweinfia* × *Sigmatostalix*).

CISCHWEINFIA (Orchidac.).

- jarae C.H. Dodson & D.E. Bennett in *Ic. Pl. Trop.*, Ser. 2, 1: t. 28 (1989)—Peru.
 suarezii C.H. Dodson in *Ic. Pl. Trop.*, Ser. 2, 5: t. 420 (1989)—Ecuador.

CISSAMPELOPSIS (Compos.).

- buimalia (Buch.-Ham. ex D. Don) C. Jeffrey & Y.L. Chen in *Kew Bull.*, 41(4): 937 (1986): *Senecio buimalia*.†

CISSUS (Vitac.).

- araneosa N.A. Dalzell in N.A. Dalzell & A. Gibson, *Bombay Fl.*: 41 (1861)—India.
 arnottiana B.V. Shetty & P. Singh in *Kew Bull.*, 44(3): 473 (1989)—India.
 aubertiana (Gage) P. Singh & B.V. Shetty in *Taxon*, 35(3): 596 (1986): *Vitis aubertiana*.
 austroyunnanensis Y.H. Li & Y. Zhang in *Guihaia*, 9(1): 28 (1989), as 'austro-yunnanensis'—China.
 cardiophylla (F. Muell.) B.R. Jackes in *Austrobaileya*, 2(5): 491 (1988): *Vitis cardiophylla*.
 elongata
 subsp. littoralis (Talbot) B.V. Shetty & P. Singh in *Kew Bull.*, 44(3): 475 (1989): *Vitis elongata* var. *littoralis*.
 guerkeana (Bütnr.) T. Durand & H. Schinz, *Études Fl. Congo (in Mem. Cour. Acad. Roy. Belg.*, 53(4): 94 (1896): *Vitis guerkeana*.
 pentaclada B.R. Jackes in *Austrobaileya*, 2(5): 490 (1988)—Australia (Queensland).
 vinosa B.R. Jackes in *Austrobaileya*, 2(5): 494 (1988)—Australia (Queensland).

CISTANTHE (Portulacac.).

- sect. *Amarantoideae* (Reiche) Carolin ex M.A. Hershkovitz in *Phytologia*, 68(4): 269 (1990): *Calandrinia* sect. *Amarantoideae*.
 sect. *Calyptridium* (Nuttall) M.A. Hershkovitz in *Phytologia*, 68(4): 267 (1990): gen. *Calyptridium*.
 sect. *Philippimra* (Kuntze) M.A. Hershkovitz in *Phytologia*, 68(4): 269 (1990): gen. *Philippimra*.
 sect. *Strophium* (B. Mathew) M.A. Hershkovitz in *Phytologia*, 68(4): 268 (1990): *Lewisia* subgen. *Strophium*.

CISTANTHE :-

- ambigua (S. Watson) Carolin ex M.A. Hershkovitz in *Phytologia*, 68(4): 269 (1990): *Claytonia ambigua*.
 celosioides (Philippi) Carolin ex M.A. Hershkovitz in *Phytologia*, 68(4): 269 (1990): *Silva celosioides*.
 grandiflora (Lindl.) Schlecht., *Hort. Hal.*: 10 (?1841); cf. D.J. Mabberley in *Taxon*, 33(3): 441 (1984): *Calandrinia grandiflora*.
 grandiflora (Lindley) Carolin ex M.A. Hershkovitz in *Phytologia*, 68(4): 269 (1990), isonym: *Calandrinia grandiflora*.
 guadalupensis (Dudley) Carolin ex M.A. Hershkovitz in *Phytologia*, 68(4): 269 (1990): *Talinum guadalupense*.
 maritima (Nuttall) Carolin ex M.A. Hershkovitz in *Phytologia*, 68(4): 269 (1990): *Calandrinia maritima*.
 monandra (Nuttall) M.A. Hershkovitz in *Phytologia*, 68(4): 267 (1990): *Calyptridium monandrum*.
 monosperma (E. Greene) M.A. Hershkovitz in *Phytologia*, 68(4): 267 (1990): *Calyptridium monospermum*.
 parryi (A. Gray) M.A. Hershkovitz in *Phytologia*, 68(4): 268 (1990): *Calyptridium parryi*.
 pulchella (Eastwood) M.A. Hershkovitz in *Phytologia*, 68(4): 268 (1990): *Spraguea pulchella*.
 pygmaea (Parish ex Rydberg) M.A. Hershkovitz in *Phytologia*, 68(4): 268 (1990): *Calyptridium pygmaeum*.
 quadripetala (S. Watson) M.A. Hershkovitz in *Phytologia*, 68(4): 268 (1990): *Calyptridium quadripetalum*.
 rosea (S. Watson) M.A. Hershkovitz in *Phytologia*, 68(4): 268 (1990): *Calyptridium roseum*.
 salsoloides (Barnéoud) Carolin ex M.A. Hershkovitz in *Phytologia*, 68(4): 269 (1990): *Calandrinia salsoloides*.
 tweedyi (A. Gray) M.A. Hershkovitz in *Phytologia*, 68(4): 268 (1990): *Calandrinia tweedyi*.
 umbellata (Torrey) M.A. Hershkovitz in *Phytologia*, 68(4): 268 (1990): *Spraguea umbellata*.

CISTUS (Cistac.).

- ×cebensensis P. Aubin & J. Prudhomme in *Bull. Mens. Soc. Linn. Lyon*, 55(4): 136 (1986)—France. (*C. pouzolzii* × *salvifolius*).
 ×cyprius
 nothovar. ellipticus J.-P. Demoly in *Bull. Soc. Bot. Centre-Ouest, n.s.*, 16: 93 (1985), contrary to Art. HS.2 ICBN (1983)—Cultivation. (*C. ladanifer* f. *sulcatus* × *laurifolius* var. *laurifolius*).
 dunalianus Sweet, *Hort. Brit.*: 34 (1826); cf. D.J. Mabberley in *Taxon*, 31(1): 70 (1982)—Locality not stated.
 heterophyllum
 subsp. carthaginensis (Pau) M.B. Crespo & G. Mateo in *An. Jard. Bot. Madrid*, 45(1): 168 (1988): *C. carthaginensis*.
 ×hybridus
 nothosubsp. grandiflorus (Pau) M.B. Crespo & G. Mateo in *Collect. Bot.*, 18: 96 (1990): *C. × corbariense* var. *grandiflorus*.
 var. secallianus (Pau) M.B. Crespo & G. Mateo in *Collect. Bot.*, 18: 96 (1990): *C. × secallianus*.
 ladanifer
 f. bicolor J.-P. Demoly in *Bull. Soc. Bot. Centre-Ouest, n.s.*, 16: 93 (1985)—Portugal.
 var. sulcatus J.-P. Demoly in *Bull. Soc. Bot. Centre-Ouest, n.s.*, 16: 93 (1985)—Portugal.
 f. sulcatus J.-P. Demoly in *Bull. Soc. Bot. Centre-Ouest, n.s.*, 16: 93 (1985), without latin descr.—Locality not stated.
 ×ledon
 var. recognitus (Rouy & Fouc.) M.B. Crespo & G. Mateo in *Collect. Bot.*, 18: 96 (1990): *C. × recognitus*.
 ×nigricans
 nothosubsp. grosii (Font Quer) M.B. Crespo & G. Mateo in *Collect. Bot.*, 18: 97 (1990): *C. × longifolius* var. *grosii*.
 var. longifolius (Lam.) M.B. Crespo & G. Mateo in *Collect. Bot.*, 18: 97 (1990): *C. longifolius*.
 ×purpureus
 var. argenteus J.-P. Demoly in *Bull. Soc. Bot. Centre-Ouest, n.s.*, 16: 93 (1985)—Cultivation. (*C. creticus* f. *creticus* × *ladanifer* f. *albiflorus*).

CISTUS :-

- nothof. argenteus* J.-P. Demoly in *Bull. Soc. Bot. Centre-Ouest, n.s.*, 16: 93 (1985), without latin descr.—Locality not stated.
nothof. stictus J.-P. Demoly in *Bull. Soc. Bot. Centre-Ouest, n.s.*, 16: 93 (1985)—Cultivation. (C. creticus f. creticus × ladanifer f. ladanifer).
 ×*ralletii* J.-P. Demoly in *Bull. Soc. Bot. Centre-Ouest, n.s.*, 16: 93 (1985)—Cultivation. (C. creticus var. creticus × symphytifolius var. symphytifolius).

CITRUS (Rutac.).

- daoxianensis* S.W. He & G.F. Liu in *Acta Bot. Yunnanica*, 12(3): 287 (1990)—China.
 grandis
 var. *brunneorugosa* R.K. Karaya in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 112: 66 (1987)—Japan.
 var. *glaberrima* (Hort. ex Tanaka) R.K. Karaya in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 112: 67 (1987): C. *glaberrima*.
 var. *kotokan* (Hayata) R.K. Karaya in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 112: 65 (1987): C. *kotokan*.
 var. *natsudaikai* (Tanaka) R.K. Karaya in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 112: 67 (1987): C. *aurantium* var. *natsudaikai*.
 var. *pyriformis* (Hassk.) R.K. Karaya in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 112: 66 (1987): C. *pyriformis*.
 var. *sabon* (Seib. ex Hayata) R.K. Karaya in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 112: 65 (1987): C. *sabon*.
 var. *sulcata* (Takahashi) R.K. Karaya in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 112: 67 (1987): C. *sulcata*.
 var. *tengu* (Y. Tanaka) R.K. Karaya in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 112: 66 (1987): C. *tengu*.
 var. *yamabuki* (Hort. ex Y. Tanaka) R.K. Karaya in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 112: 65 (1987): C. *yamabuki*.
japonica C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 697 (1784)—Japan.†
 ×*lapinii* I.S. Kapanadze in *Soobshch. Akad. Nauk Gruz. SSR*, 120(2): 390 (1985), without latin descr. or type—Cultivation.
limon (L.) Burm.f., *Fl. Ind.*: 173 (1768): *Citrus medica* β *limon*.
mangshanensis S.W. He & G.F. Liu in *Acta Bot. Yunnanica*, 12(3): 288 (1990)—China.
microcarpa A. Bunge, *Enum. Pl. China Bor. Coll.*: 10 (1833)—China.†

CLADOCARPA (Cucurbitac.).

- capitata* H. St. John in *Phytologia*, 63(3): 185 (1987)—Hawaiian Is.
discoidea H. St. John in *Phytologia*, 63(3): 185 (1987)—Hawaiian Is.
harrisoniae H. St. John in *Phytologia*, 63(3): 185 (1987), as 'harrisonae' Hawaiian Is.
herbstii H. St. John in *Phytologia*, 63(3): 185 (1987)—Hawaiian Is.
julesii H. St. John in *Phytologia*, 63(3): 185 (1987)—Hawaiian Is.
kawelaensis H. St. John in *Phytologia*, 63(3): 185 (1987), without type—Hawaiian Is.
lanaiensis H. St. John in *Phytologia*, 63(3): 186 (1987)—Hawaiian Is.
lehuaensis H. St. John in *Phytologia*, 63(3): 186 (1987)—Hawaiian Is.
munroi H. St. John in *Phytologia*, 63(3): 186 (1987)—Hawaiian Is.
pauciramosa H. St. John in *Phytologia*, 63(3): 186 (1987)—Hawaiian Is.
umbellata H. St. John in *Phytologia*, 63(3): 186 (1987)—Hawaiian Is.
waimeacensis H. St. John in *Phytologia*, 63(3): 186 (1987)—Hawaiian Is.

CLADOCOLEA (Loranthac.).

- apiculata* J. Kuijt in *Brittonia*, 39(4): 447 (1987)—Venezuela.
coriacea J. Kuijt in *Brittonia*, 39(4): 449 (1987)—Venezuela.
primaria J. Kuijt in *Ann. Missouri Bot. Gard.*, 74(3): 511 (1987)—Panama.

CLADOTHAMNUS (Ericac.).

- bracteatus* (Maxim.) T. Yamazaki in *J. Jap. Bot.*, 63(4): 163 (1988): *Tripetaleia bracteata*.

CLADRASTIS (Legumin.).

- lichuanensis* Q.W. Yao & G.G. Tang in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 157 (1988)—China.

CLAOXYLOPSIS (Euphorbiac.).

- andapensis* A. Radcliffe-Smith in *Kew Bull.*, 43(4): 642 (1988)—Madagascar.
purpurascens A. Radcliffe-Smith in *Kew Bull.*, 43(4): 645 (1988)—Madagascar.

CLARIONEA (Compos.).

- pungens* D. Don ex Taylor & Philips, *Phil. Mag.* & *J. Sci.*, 2: 388 (May 1832); cf. D.J. Mabberley in *Taxon*, 30(1): 15 (1981)—Locality not stated.

CLARKIA (Onagrac.).

- sect. Sympherica* K.E. Holsinger & H. Lewis in *Ann. Missouri Bot. Gard.*, 73(2): 492 (1986).
subsect. Sympherica K.E. Holsinger & H. Lewis in *Ann. Missouri Bot. Gard.*, 73(2): 493 (1986).
concinna
subsp. automixa R.N. Bowman in *Madroño*, 34(1): 41 (1987)—U.S.A. (California).

CLAUSENA (Rutac.).

- heptaphylla* (DC.) E. Steudel, *Nomenclator Botanicus*, ed. 2: 377 (1840): *Amyris heptaphylla*.
yunnanensis
 var. *longgangensis* C.F. Liang & Y.X. Lu in *Guihaia*, 10(2): 104 (1990)—China.

CLAVIJA (Theophrastac.).

- fusca* B. Ståhl in *Nordic J. Bot.*, 9(1): 19 (1989)—Panama.
harlingii B. Ståhl in *Fl. Ecuador*, 39(149): 15 (1990)—Ecuador, Colombia, Peru.
mezii
subsp. allenii (Lundell) B. Ståhl in *Nordic J. Bot.*, 9(1): 18 (1989): C. *allenii*.
minor B. Ståhl in *Nordic J. Bot.*, 6(6): 771 (1986)—Colombia.
procera B. Ståhl in *Fl. Ecuador*, 39(149): 13 (1990)—Ecuador.
repanda B. Ståhl in *Nordic J. Bot.*, 6(6): 769 (1986)—Ecuador.
venosa B. Ståhl in *Fl. Ecuador*, 39(149): 19 (1990)—Ecuador, Peru.

CLAYTONIA (Portulacac.).

- palustris* J.R. Swanson & W.A. Kelley in *Madroño*, 34(2): 155 (1987)—U.S.A. (California).
udokanica V.V. Zuev in *Bot. Zhurn.*, 75(1): 99 (1990)—U.S.S.R. (Siberia).

CLEIDION (Euphorbiac.).

- alongense* S.S.R. Bennet & S. Chandra in *Indian Forester*, 111(10): 846 (1985)—India.
bishnui T. Chakrabarty & M. Gangopadhyay in *J. Econ. Taxon. Bot.*, 12(2): 473 (1988 publ. 1989)—Burma.
javanicum
 var. *longipedicellatum* T. Chakrabarty & M. Gangopadhyay in *J. Econ. Taxon. Bot.*, 12(2): 491 (1988 publ. 1989)—Sikkim.
 var. *moniliflorum* (Airy Shaw) T. Chakrabarty & M. Gangopadhyay in *J. Econ. Taxon. Bot.*, 12(2): 493 (1988 publ. 1989): C. *moniliflorum*.
lemurum G. McPherson in *Fl. N. Caléd. & Dépend.*, 14: 146 (1987)—New Caledonia.
lochmios G. McPherson in *Fl. N. Caléd. & Dépend.*, 14: 144 (1987)—New Caledonia.
marginatum G. McPherson in *Fl. N. Caléd. & Dépend.*, 14: 149 (1987)—New Caledonia.
veillonii G. McPherson in *Fl. N. Caléd. & Dépend.*, 14: 154 (1987)—New Caledonia.
velutinum G. McPherson in *Fl. N. Caléd. & Dépend.*, 14: 164 (1987)—New Caledonia.

- ×**CLEISOFINETIA** hort. in *Orchid Rev.*, 95(1127): centre page pull-out p. 9 (1987). **ORCHIDACEAE**. (Cleisocentron × Neofinetia).

CLEISOSTOMA (Orchidac.).

- acutilabris* (Guillaum.) L.V. Aver'yanov in *Bot. Zhurn.*, 73(1): 107 (1988): *Luisia acutilabris*.
bidouense (Tixier & Guillaum.) L.V. Aver'yanov in *Bot. Zhurn.*, 73(3): 432 (1988): *Saccolabium bidouense*.
comberi J.J. Wood in *Kew Bull.*, 41(3): 700 (1986)—Java.
longipaniculatum P.J. Kores in *Allertonia*, 5(1): 202 (1989)—Fiji.
nangongense Z.H. Tsi in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 26 (1989)—China.
pacificum P.J. Cribb & B. Lewis in *Orchid Rev.*, 97(1150): 251 (1989)—Vanuatu.
paludosum (v. Roven) K. Senghas in *Schlechter Orchideen*, 1(22): 1340 (1989): *Sarcanthus paludosus*.
pauciflorum (Wight) K. Senghas in *Schlechter Orchideen*, 1(22): 1340 (1989): *Sarcanthus pauciflorus*.

- ×**CLEISOTHERIA** hort. in *Orchid Rev.*, 98(1162): centre page pull-out p. 9 (1990). **ORCHIDACEAE**. (Cleisostoma × Pelatantheria).

CLEISTANTHUS (Euphorbiac.).

- dongfangensis* (P.T. Li) H.S. Kiu in *Acta Phytotax. Sin.*, 27(6): 454 (1989): *Phyllanthus dongfangensis*.

CLEISTES (Orchidac.).

- huberi* G. Carnevali & I. Ramirez in *Ann. Missouri Bot. Gard.*, 77(3): 549 (1990)—Venezuela.
rosea
 f. *pallida* G. Carnevali & I. Ramirez in *Ann. Missouri Bot. Gard.*, 77(3): 551 (1990)—Venezuela.
unifoliata (C. Schweinf.) G. Carnevali & I. Ramirez in *Ann. Missouri Bot. Gard.*, 77(3): 551 (1990): *Pogonia unifoliata*.

CLEISTOCACTUS (Cactac.).

- acanthurus* (Vaupel) D. Hunt in *Bradleya*, 5: 92 (1987): *Cereus acanthurus*.
aureispinus (Ritter) D. Hunt in *Bradleya*, 5: 92 (1987): *Winteria aureispina*.
baumannii
subsp. santacruzensis (Backeberg) R. Mottram in *Cact. Succ. J. (U.S.A.)*, 61(4): 156 (1989): C. *santacruzensis*.
fieldianus (Britton & Rose) D. Hunt in *Bradleya*, 5: 92 (1987): *Borzicactus fieldianus*.
fossulatus R. Mottram in *Chileans*, 13(43): 30 (1985)—Bolivia.
leonensis J.E. Madsen in *Fl. Ecuador*, 35(45): 18 (1989)—Ecuador.
samaipatanus (Cardenas) D. Hunt in *Bradleya*, 5: 92 (1987): *Bolivocereus samaipatanus*.
sepium
 var. *morleyanus* (Britton & Rose) J.E. Madsen in *Fl. Ecuador*, 35(45): 21 (1989): *Borzicactus morleyanus*.
 var. *ventimigliae* (Riccob.) J.E. Madsen in *Fl. Ecuador*, 35(45): 22 (1989): *Borzicactus ventimigliae*.
winteri D. Hunt in *Bradleya*, 6: 100 (1988), nom. nov.: C. *aureispinus* (Ritter) D. Hunt.

CLEISTOCHLOA (Gramin.).

- rigida* (S.T. Blake) R.D. Webster, *Australian Paniceae (Poac.)*: 30 (1987): *Dimorphochloa rigida*.
rigida (S.T. Blake) W.D. Clayton in *Kew Bull.*, 42(2): 401 (5 June 1987): *Dimorphochloa rigida*.

CLEISTOGENES (Gramin.).

- ramiflora* Keng & C.P. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 175 (1986)—China.
squarrosa
subsp. andropogonoides (Honda) V.N. Voroshilov in *Byull. Mosk. Obsch. Ispyt. Prir., Biol.*, 95(2): 91 (1990): C. *andropogonoides*.

- ×**CLEISTOPSIS** F. Strigl in *Kakt. And. Sukk.*, 30(9): 226 (1979). **CACTACEAE**. (Cleisocactus × Echinopsis).

CLEMATIS (Ranunculac.).

- sect. *Aethusifoliae* (Tamura) V.P. Serov in *Bot. Zhurn.*, 73(12): 1739 (1988); C. ser. *Aethusifoliae*.
 sect. *Angustifoliae* (Tamura) V.P. Serov in *Bot. Zhurn.*, 73(12): 1740 (1988); C. ser. *Angustifoliae*.
 subgen. *Campanella* M. Tamura in *Acta Phytotax. Geobot.*, 38: 38 (1987).
 sect. *Campanella* M. Tamura in *Acta Phytotax. Geobot.*, 38: 38 (1987).
 sect. *Integrifoliae* V.P. Serov in *Bot. Zhurn.*, 73(12): 1740 (1988).
 ser. *Ispahanicae* V.P. Serov in *Bot. Zhurn.*, 73(12): 1739 (1988).
 sect. *Rectae* (Tamura) V.P. Serov in *Bot. Zhurn.*, 73(12): 1739 (1988); C. ser. *Rectae*.
 ser. *Songoricae* V.P. Serov in *Bot. Zhurn.*, 73(12): 1739 (1988).
 subgen. *Viorna* (Reichb.) M. Tamura in *Acta Phytotax. Geobot.*, 38: 40 (1987); gen. *Viorna*.
acuminata
 var. *longicaudata* W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 7 (1989)—China.
brachyura
 var. *hexasepala* Y.N. Lee in *Korean J. Bot.*, 25(4): 177 (1982)—Korea.
dubia (Endl.) P.S. Green in *Kew Bull.*, 45(2): 245 (1990); *Ripogonum dubium*.
finetii
 var. *pedata* W.T. Wang in *Acta Bot. Yunnanica*, 8(3): 269 (1986)—China.
florida C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 512 (1784)—Japan.†
henryi
 var. *mollis* W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 99 (1987)—China.
iliensis Y.S. Hou & W.H. Hou in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 131 (1986)—Xinjiang.
japonica C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 512 (1784)—Japan.†
jialasaensis W.T. Wang in *Acta Bot. Yunnanica*, 8(3): 268 (1986)—Xizang.
jinzhaiensis Z.W. Xue & X.W. Wang in *Acta Phytotax. Sin.*, 24(5): 406 (1986)—China.
ladakhiana C. Grey-Wilson in *Kew Bull.*, 44(1): 49 (1989)—India, Xizang.
liboensis Z.R. Xu in *Acta Phytotax. Sin.*, 26(2): 150 (1988)—China.
lingyunensis W.T. Wang in *Acta Bot. Yunnanica*, 8(3): 266 (1986)—China.
macropetala
 var. *puniciflora* Y.Z. Zhao in *Acta Sci. Nat. Univ. Intramongolicae*, 12(3): 79 (1981)—China.
mashanensis W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 7 (1989)—China.
montevicensis
 var. *denticulata* (Vell.) N.M. Bacigalupo in *Fl. Illustr. Entre Rios (Argent.)*, 3: 310 (1987); C. *denticulata*.
morefieldii R. Kral in *Ann. Missouri Bot. Gard.*, 74(3): 665 (1987)—U.S.A. (Alabama).
orientalis
 var. *baluchistanica* C. Grey-Wilson in *Kew Bull.*, 44(1): 40 (1989)—Pakistan.
 var. *hindukushensis* C. Grey-Wilson in *Kew Bull.*, 44(1): 40 (1989)—Afghanistan.
 var. *robusta* C. Grey-Wilson in *Kew Bull.*, 44(1): 40 (1989)—Afghanistan.
 var. *tenuifolia* (Royle) C. Grey-Wilson in *Kew Bull.*, 44(1): 42 (1989); C. *tenuifolia*.
 var. *uniflora* M. Tamura in *Acta Phytotax. Geobot.*, 37(4-6): 156 (1986)—Nepal.
pamiralaica C. Grey-Wilson in *Kew Bull.*, 44(1): 54 (1989)—U.S.S.R. (Middle Asia), Xinjiang.
pseudootophora
 var. *integra* W.T. Wang in *Acta Bot. Yunnanica*, 8(3): 266 (1986)—China.
taeguensis Y.N. Lee in *Korean J. Bot.*, 25(4): 175 (1982)—Korea.
tangutica
 subsp. *mongolica* C. Grey-Wilson in *Kew Bull.*, 44(1): 54 (1989)—Mongolia.
 subsp. *obtusiuscula* (Rehder & Wilson) C. Grey-Wilson in *Kew Bull.*, 44(1): 54 (1989); C. *tangutica* var. *obtusiuscula*.
tibetana
 var. *dentata* C. Grey-Wilson in *Kew Bull.*, 44(1): 48 (1989)—Xizang.

CLEMATIS :-

- var. *laciniifolia* C. Grey-Wilson in *Kew Bull.*, 44(1): 48 (1989)—Nepal.
 subsp. *vernayi* (C.E.C. Fischer) C. Grey-Wilson in *Kew Bull.*, 44(1): 47 (1989); C. *vernayi*.
 var. *vernayi* (C.E.C. Fischer) C. Grey-Wilson in *Kew Bull.*, 44(1): 48 (1989); C. *vernayi*.
villosa B.M. Yang in *Acta Phytotax. Sin.*, 27(3): 230 (1989)—China.
yingtzulinia S.S. Ying in *Quart. J. Chinese Forest.*, 20(4): 127 (1987)—Taiwan.

CLEMATOCLETHRA (Actinidiac.).

- floribunda* W.T. Wang ex C.F. Liang in *Guihaia*, 8(1): 56 (1988), nom. illegit.; non C. *floribunda* W.T. Wang ex C.F. Liang & Y.C. Chen in *Fl. Reipubl. Popul. Sin.*, 49(2): 326 (1984)—China.
lasioclada
 var. *oblonga* C.F. Liang & Y.C. Chen ex C.Y. Chang in *Fl. Sichuanica*, 4: 82 (1988)—China.
leiboensis C.F. Liang & Y.C. Chen ex C.Y. Chang in *Fl. Sichuanica*, 4: 67 (1988)—China.
scandens
 subsp. *actinidioides* (Maxim.) Y.C. Tang & Q.Y. Xiang in *Acta Phytotax. Sin.*, 27(2): 91 (1989); C. *actinidioides*.
 subsp. *hemsleyi* (Baill.) Y.C. Tang & Q.Y. Xiang in *Acta Phytotax. Sin.*, 27(2): 90 (1989); C. *hemsleyi*.
 subsp. *tomentella* (Franch.) Y.C. Tang & Q.Y. Xiang in *Acta Phytotax. Sin.*, 27(2): 90 (1989); C. *tomentella*.

CLEOME (Capparac.).

- indecora* Liebm. in *Schouw. Ind. Sem. Hort. Acad. Haun.*, 1845; *Linnaea*, 19: 403 (1847); cf. D.J. Mabberley in *Taxon*, 32(1): 84 (1983)—Locality not stated.
sesquiorrygalis Naud. ex C. Huber, *Revue horticole*, 46: 458, 467 (1874); cf. D.J. Mabberley in *Taxon*, 34(3): 451 (1985)—Locality not stated.
viscosa
 var. *nagarjunakondensis* R. Sundara Raghavan in *Bull. Bot. Surv. India*, 28(1-4): 187 (1986 publ. 1988)—India.

CLEOMELLA (Capparac.).

- palmerana*
 var. *goodrichii* S.L. Welsh in *Great Basin Nat.*, 46(2): 263 (1986)—U.S.A. (Utah).

CLERETUM (Aizoac.).

- herrei* (Schwantes) H.-D. Ihlenfeldt & M. Struck in *Beitr. Biol. Pfl.*, 61(3): 437 (1986 publ. 1987), without exact basionym page; *Micropterum herrei*.
lyratifolium H.-D. Ihlenfeldt & M. Struck in *Beitr. Biol. Pfl.*, 61(3): 437 (1986 publ. 1987)—South Africa (Cape Province).

CLERMONTIA (Campanulac.).

- albimontis* H. St. John in *Phytologia*, 63(5): 350 (1987)—Hawaiian Is.
arborescens
 subsp. *waihae* (Wawra) T.G. Lammers in *Syst. Bot.*, 13(4): 497 (1988); *Delissea waihae*.
bicolorata H. St. John in *Phytologia*, 63(5): 350 (1987)—Hawaiian Is.
clermontioides
 subsp. *rockiana* (F. Wimmer) T.G. Lammers in *Syst. Bot.*, 13(4): 498 (1988); C. *rockiana*.
epilosa H. St. John in *Phytologia*, 63(5): 350 (1987)—Hawaiian Is.
glabra H. St. John in *Phytologia*, 63(5): 350 (1987)—Hawaiian Is.
gracilis H. St. John in *Phytologia*, 63(5): 350 (1987)—Hawaiian Is.
grandiflora
 subsp. *munroi* (H. St. John) T.G. Lammers in *Syst. Bot.*, 13(4): 499 (1988); C. *munroi*.
hualalalaensis H. St. John in *Phytologia*, 63(5): 351 (1987)—Hawaiian Is.
kahuensis H. St. John in *Phytologia*, 63(5): 351 (1987)—Hawaiian Is.
kakeana
 var. *rosea* (Hillebr.) H. St. John in *Phytologia*, 63(5): 351 (1987); C. *macrocarpa* var. *rosea*.
kipahuluensis H. St. John in *Phytologia*, 63(5): 351 (1987)—Hawaiian Is.

CLERMONTIA :-

- mauiensis* H. St. John in *Phytologia*, 63(5): 351 (1987)—Hawaiian Is.
oblongifolia
 subsp. *brevipes* (F. Wimmer) T.G. Lammers in *Syst. Bot.*, 13(4): 500 (1988); C. *oblongifolia* f. *brevipes*.
 subsp. *mauiensis* (Rock) T.G. Lammers in *Syst. Bot.*, 13(4): 500 (1988); C. *oblongifolia* var. *mauiensis*.
pluriflora H. St. John in *Phytologia*, 63(5): 351 (1987)—Hawaiian Is.
samuellii
 subsp. *hanaensis* (H. St. John) T.G. Lammers in *Syst. Bot.*, 13(4): 500 (1988); C. *hanaensis*.
spatulata H. St. John in *Phytologia*, 63(5): 352 (1987)—Hawaiian Is.
subteralbulus H. St. John in *Phytologia*, 63(5): 352 (1987)—Hawaiian Is.
viridis H. St. John in *Phytologia*, 63(5): 352 (1987)—Hawaiian Is.
waikoluensis H. St. John in *Phytologia*, 63(5): 352 (1987)—Hawaiian Is.

CLERODENDRUM (Verbenac.).

- buchananii* (Roxb.) W.G. Walpers, *Repert. Bot. Syst.*, 4: 108 (1845); *Volkameria buchananii*.†
chinense (Osbeck) D.J. Mabberley, *Plant-book*: 707 (1989 reprint); *Cryptanthus chinensis*.
cuneiforme H.N. Moldenke in *Phytologia*, 59(2): 119 (1986), nom. nov.; C. *cuneatum* Gürke.
grayi A.A. Munir in *J. Adelaide Bot. Gard.*, 11(2): 166 (1989)—Australia (Queensland).
heterophyllum
 f. *baueri* (Mold.) A.A. Munir in *J. Adelaide Bot. Gard.*, 11(2): 117 (1989); C. *heterophyllum* var. *baueri*.
japonicum
 f. *album* (P'ei) H.N. Moldenke in *Phytologia*, 61(5): 332 (1986); C. *japonicum* var. *album*.
kaempferi
 f. *album* (P'ei) H.N. Moldenke in *Phytologia*, 58(3): 196 (1985), without basionym ref.; et in *Phytologia*, 61(6): 398 (1986), with basionym ref.; C. *japonicum* var. *album*.
laevifolium
 var. *pubiflorum* Bakh. ex H.N. Moldenke in *Phytologia*, 61(7): 461 (1987)—Borneo (Sarawak), Java, Sumatra.
longiflorum
 var. *glabrum* A.A. Munir in *J. Adelaide Bot. Gard.*, 11(2): 120 (1989)—Australia (Queensland, N. Terr.), New Guinea (Papua New Guinea).
melanophyllum (S. Moore) S. Moore in *J. Bot.*, 45: 93 (1907); *Premna melanophyllum*.
revolutum J. Bosser in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 9(4): 341 (1987 publ. 1988)—Madagascar.
tatei (F. Muell.) A.A. Munir in *J. Adelaide Bot. Gard.*, 11(2): 143 (1989); *Strobilanthes tatei*.
tomentosum
 var. *lanceolatum* (F. Muell.) A.A. Munir in *J. Adelaide Bot. Gard.*, 11(2): 157 (1989); C. *lanceolatum*.
trichanthum J. Bosser in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 9(4): 344 (1987 publ. 1988)—Madagascar.
trichotomum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 578 (1784)—Japan.†

CLEYERA (Theac.).

- velutina* B. Bartholomew in *Phytologia*, 64(6): 457 (1988)—Mexico.

CLIBADIUM (Compos.).

- rimachii* H. Robinson in *Phytologia*, 65(1): 50 (1988)—Peru.
zaruchii H. Robinson in *Phytologia*, 65(1): 51 (1988)—Colombia.

CLIDEMIA (Melastomatac.).

- andersonii* J.J. Wurdack in *Mem. New York Bot. Gard.*, 51: 104 (1989)—Venezuela.
ayangannensis J.J. Wurdack in *Brittonia*, 39(2): 161 (1987)—Guyana.
foreroi J.J. Wurdack in *Phytologia*, 64(4): 300 (1988)—Colombia.
granvillei J.J. Wurdack in *Brittonia*, 39(2): 163 (1987)—French Guiana.

- COELACHYRUM** (Gramin.).
annuum T.A. Cope & L. Boulos in *Kew Bull.*, 42(4): 919 (1987)—Egypt.
- COELESTINA** (Compos.).
superbiens Huber, *Trade Cat.*: 3 (1880); cf. D.J. Mabberley in *Taxon*, 34(3): 450 (1985)—Locality not stated.
- COELIDIUM** (Legumin.).
flavum R. Granby in *Nordic J. Bot.*, 7(1): 51 (1987)—South Africa (Cape Province).
- COELOGYNE** (Orchidac.).
cuprea
var. planiscapa J.J. Wood & C.L. Chan in *Lindleyana*, 5(2): 84 (1990)—Borneo (Sabah).
ghatakii T.K. Paul, S.K. Basu & M.C. Biswas in *J. Bombay Nat. Hist. Soc.*, 86(3): 425 (1989 publ. 1990)—India.
longpasiaensis J.J. Wood & C.L. Chan in *Lindleyana*, 5(2): 87 (1990)—Borneo (Sabah).
primulina G. D'A. Barretto in *Orchid Rev.*, 98(1156): 39 (1990)—Hong Kong.
reflexa J.J. Wood & C.L. Chan in *Lindleyana*, 5(2): 87 (1990)—Borneo (Sabah).
- COELOSPERMUM** (Rubiace.).
crassifolium J.T. Johansson in *Blumea*, 32(2): 321 (1987)—New Caledonia.
paniculatum
var. syncarpum J.T. Johansson in *Blumea*, 33(2): 285 (1988), as 'Caelospermum'—Australia (Queensland, New South Wales).
salomonense (Engl.) J.T. Johansson in *Blumea*, 33(2): 281 (1988), as 'Caelospermum': *Morinda salomonensis*.
volubile (Merr.) J.T. Johansson in *Blumea*, 33(2): 281 (1988), as 'Caelospermum': *Morinda volubilis*.
- COFFEA** (Rubiace.).
mufindiensis
subsp. pawekiana (Bridson) D.M. Bridson in *Kew Bull.*, 41(2): 309 (1986): C. pawekiana.
sessiliflora D.M. Bridson in *Kew Bull.*, 41(2): 307 (1986)—Kenya.
subsp. mwasumbii D.M. Bridson in *Kew Bull.*, 41(2): 308 (1986)—Tanzania.
- COILOSTIGMA** (Ericac.).
subgen. Anomalosepala E.G.H. Oliver in *Bothalia*, 17(2): 168 (1987).
zeyherianum
var. tenuifolium (Klotzsch) E.G.H. Oliver in *Bothalia*, 17(2): 167 (1987), without basionym ref. & basionym not stated, et in *Bothalia*, 18(2): 185 (1988): C. tenuifolium.
- COINCYA** (Crucif.).
cintrana (P. Cout.) A.R. Pinto da Silva in *Bol. Soc. Brot.*, 60: 153 (1987): *Brassica pseudoerucastrum* f. cintrana.
mariolensis (Pau) R. Figuerola & J.B. Peris in *An. Jard. Bot. Madrid*, 44(2): 540 (1987): *Sinapis mariolensis*.
monensis
var. granatensis (O.E. Schulz) E.A. Leadlay in *Bot. J. Linn. Soc.*, 102(4): 380 (1990): *Brassicella valentina* var. granatensis.
subsp. hispida (Cav.) E.A. Leadlay in *Bot. J. Linn. Soc.*, 102(4): 381 (1990): *Eruca hispida*.
var. johnstonii (Samp.) E.A. Leadlay in *Bot. J. Linn. Soc.*, 102(4): 378 (1990): *Brassica johnstonii*.
subsp. nevadensis (Willk.) E.A. Leadlay in *Bot. J. Linn. Soc.*, 102(4): 384 (1990): *Brassica cheiranthus* δ nevadensis.
subsp. puberula (Pau) E.A. Leadlay in *Bot. J. Linn. Soc.*, 102(4): 383 (1990): *Brassica puberula*.
subsp. recurvata (All.) E.A. Leadlay in *Bot. J. Linn. Soc.*, 102(4): 370 (1990): *Sinapis recurvata*.
var. recurvata (All.) E.A. Leadlay in *Bot. J. Linn. Soc.*, 102(4): 375 (1990): *Sinapis recurvata*.
var. setigera (Lange) E.A. Leadlay in *Bot. J. Linn. Soc.*, 102(4): 378 (1990): *Sinapis setigera*.
- COINCYA** :-
rupestris
subsp. leptocarpa (González-Albo) E.A. Leadlay in *Bot. J. Linn. Soc.*, 102(4): 364 (1990): *Hutera leptocarpa*.
transtagana (Coutinho) M. Clemente & J.E. Hernández-Bermejo in *Lagascalia*, 14(1): 138 (1986): *Sinapis longirostra* subsp. transtagana.
wrightii (O. Schulz) C.A. Stace in *Watsonia*, 17(4): 443 (1989): *Brassicella wrightii*.
- COIX** (Gramin.).
gasteinii B.K. Simon in *Austrobaileya*, 3(1): 1 (1989)—Australia (Queensland).
lacryma-jobi
subsp. ma-yuen (Romanet) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 498 (1987): C. ma-yuen.
- COLA** (Sterculiac.).
chlorantha F. White in *Bull. Jard. Bot. Nation. Belg.*, 60(1-2): 83 (1990)—Malawi.
cordifolia R. Brown, *Pterocymbium*: 237 (4 June 1844)—W. Tropical Africa.†
letouzeyana B.-A. Nkongmeneck in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 7(3): 337 (1985 publ. 1986)—Cameroun.
lizeae N. Hallé in *Bull. Mus. Nat., B. Adansonia*, Ser. 4, 9(3): 232 (1987 publ. 1988)—Gabon.
- ×**COLASTE** hort. in *Orchid Rev.*, 96(1136): centre page pull-out p. 8 (1988). *ORCHIDACEAE*. (*Colax* × *Lycaste*).
- COLCHICUM** (Colchicac.).
graecum K. Persson in *Willdenowia*, 18(1): 34 (1988)—Greece.
pulchellum K. Persson in *Willdenowia*, 18(1): 30 (1988)—Greece.
woronowii M.R. Bokeriya in *Bot. Zhurn.*, 75(2): 201 (1990)—U.S.S.R. (Caucasus).
- COLEA** (Bignoniace.).
celsiana Ten., *Cat. Ort. Bot. Nap.*: 87 (1845); cf. D.J. Mabberley in *Taxon*, 31(1): 70 (1982)—Locality not stated.
- COLEOCEPHALOCEREUS** (Cactac.).
subgen. Buiningia (F. Buxbaum) P.J. Braun in *Bradleya*, 6: 92 (1988): gen. Buiningia.
diersianus P. Braun & E. Esteves Pereira in *Kakt. And. Sukk.*, 39(3): 53 (1988)—Brazil.
elongatus (Buining) P.J. Braun in *Bradleya*, 6: 92 (1988): *Buiningia brevicylindrica* var. elongata.
- COLEOSTACHYS** A.H.L. de Jussieu, Malpigh. *Syn.*: 54 (May 1840), preprint from *Ann. Sci. Nat., Bot.*, ser. 2, 13 (August 1840). *MALPIGHIACEAE*. †
- COLEUS** (Labiata.).
osmirrhizon W. Elliot, *Fl. Andhirica*: 105 (1859), based on *Hort. malab.* 9, t. 74; cf. D.J. Mabberley in *Taxon*, 32(1): 87 (1983)—Locality not stated.
- COLICODENDRON** (Capparac.).
breynea (L.) Endl., *Cat. Horti Vindob.*, 2: 264 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 435 (1984): *Capparis breynea*.
- COLIGNONIA** (Nyctaginac.).
parviflora
var. acutifolia (Heimerl) J.E. Bohlin in *Nordic J. Bot.*, 8(3): 245 (1988), without basionym page: C. glomerata var. acutifolia.
subsp. biumbellata (Ball) J.E. Bohlin in *Nordic J. Bot.*, 8(3): 244 (1988): C. biumbellata.
var. biumbellata (Ball) J.E. Bohlin in *Nordic J. Bot.*, 8(3): 244 (1988): C. biumbellata.
pentoptera J.E. Bohlin in *Nordic J. Bot.*, 8(3): 247 (1988)—Ecuador.
- COLLAEA** (Legumin.).
paraguariensis (Hassler) R.C. García in *Bol. Soc. Argent. Bot.*, 26(1-2): 136 (1989): *Galactia speciosa* f. paraguariensis.
- COLLINSIA** (Scrophulariac.).
parviflora
var. grandiflora (Dougl. ex Lindl.) F.R. Ganders & G.R. Krause in *Madroño*, 33(1): 69 (1986): C. grandiflora.
- COLLOMIA** (Polemoniace.).
renacta E. Joyal in *Brittonia*, 38(3): 243 (1986)—U.S.A. (Oregon, Nevada).
- COLOCASIA** (Arac.).
esculenta
var. rupicola (Haines) H.B. Naithani, *Flow. Pl. India, Nepal & Bhutan*: 454 (1990): C. antiquorum var. rupicola.
var. stolonifera (Haines) H.B. Naithani, *Flow. Pl. India, Nepal & Bhutan*: 454 (1990): C. antiquorum var. stolonifera.
- COLOGANIA** (Legumin.).
cordata Fearing ex R. McVaugh, *Fl. Novo-Galiciana*, 5: 356 (1987)—Mexico.
parviflora V.M. Badillo in *Ernstia*, 52: 9 (1989)—Venezuela.
- COLOMBOBALANUS** K.C. Nixon & W.L. Crepet in *Amer. J. Bot.*, 76(6): 840 (1989). *FAGACEAE*.
excelsa (Lozano, Hdz-C. & Henao) K.C. Nixon & W.L. Crepet in *Amer. J. Bot.*, 76(6): 841 (1989): *Trigonobalanus excelsa*.
- COLONA** (Tiliac.).
hamannii H. Riedl & C. Riedl-Dorn in *Lin. Biol. Beitr.*, 17(2): 333 (1985)—Thailand.
- COLUBRINA** (Rhamnace.).
nicholsonii A.E. van Wyk & B.D. Schrire in *S. Afr. J. Bot.*, 52(4): 379 (1986)—South Africa (Cape Province).
- COLUMNEA** (Gesneriac.).
incredibilis L.P. Kvist & L.E. Skog in *Nordic J. Bot.*, 8(3): 253 (1988)—Colombia.
- COLURIA** (Rosac.).
longifolia
f. uniflora T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(3): 22 (1990)—China.
omeiensis T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(3): 19 (1990)—China.
var. nanzhengensis Yu & T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(3): 20 (1990)—China.
- ×**COLYCEA** J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 2: 21 (1982). *COMPOSITAE*. (*Colymbada* × *Jacea*).
valdesii-bermejoi (Fdez. Casas & Susanna) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 2: 21 (1982), without basionym page: *Centaurea* × *valdesii-bermejoi*.
- ×**COLYMBACOSTA** (Compos.).
genesii-lopezii (Fdez. Casas & Susanna) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 2: 21 (1982), without basionym page: *Centaurea* × *genesii-lopezii*.
- COLYMBADA** (Compos.).
amblensis (Graells) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 2: 19 (1982): *Centaurea amblensis*.
var. tentudaica (Rivas Goday) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 2: 19 (1982): *Centaurea toletana* subsp. tentudaica.
×andresiana (Fdez. Casas & Susanna) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 2: 20 (1982): *Centaurea* × andresiana.
borjae (Valdés Bermejo & Rivas Goday) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 2: 20 (1982): *Centaurea borjae*.
carolipauana (Fdez. Casas & Susanna) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 2: 21 (1982): *Centaurea carolipauana*.
×ceballosii (Fdez. Casas) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 2: 20 (1982): *Centaurea* × *ceballosii*.

CONOSTYLIS :-

- dielsii
subsp. teres S.D. Hopper in *Fl. Australia*, 45: 460, 100 (1987)—Australia (W. Australia).
- festucacea
subsp. filifolia (F. Muell.) S.D. Hopper in *Fl. Australia*, 45: 460 (1987): C. filifolia.
- hiemalis S.D. Hopper in *Fl. Australia*, 45: 460, 106 (1987)—Australia (W. Australia).
- latens S.D. Hopper in *Fl. Australia*, 45: 461, 95 (1987)—Australia (W. Australia).
- lepidospermoides S.D. Hopper in *Fl. Australia*, 45: 461, 80 (1987)—Australia (W. Australia).
- micrantha S.D. Hopper in *Fl. Australia*, 45: 461, 92 (1987)—Australia (W. Australia).
- pauciflora
subsp. euryrhypis S.D. Hopper in *Fl. Australia*, 45: 461, 80 (1987)—Australia (W. Australia).
- resinosa S.D. Hopper in *Fl. Australia*, 45: 461, 106 (1987)—Australia (W. Australia).
- rogeri S.D. Hopper in *Fl. Australia*, 45: 462, 101 (1987)—Australia (W. Australia).
- seminuda S.D. Hopper in *Fl. Australia*, 45: 462, 106 (1987)—Australia (W. Australia).
- seorsiflora
subsp. longissima S.D. Hopper in *Fl. Australia*, 45: 462, 86 (1987)—Australia (W. Australia).
- subsp. trichophylla* S.D. Hopper in *Fl. Australia*, 45: 462, 86 (1987)—Australia (W. Australia).
- setigera
subsp. dasys S.D. Hopper in *Fl. Australia*, 45: 463, 89 (1987)—Australia (W. Australia).
- teretifolia
subsp. planescens S.D. Hopper in *Fl. Australia*, 45: 463, 92 (1987)—Australia (W. Australia).
- tomentosa S.D. Hopper in *Fl. Australia*, 45: 463, 108 (1987)—Australia (W. Australia).

CONSOLIDA (Ranunculac.).

- sect. *Aconitella* (Spach) M. Tamura in *Acta Phytotax. Geobot.*, 41(1-3): 101 (1990): gen. *Aconitella*.
- ser. *Pubescentes* C. Blanché, J. Molero & J. Simón in *Saussurea*, 18: 9 (1987).
- hispanica (Costa) W. Greuter & Burdet in *Willdenowia*, 19(1): 43 (1989): *Delphinium hispanicum*.
- kandaharica M. Iranshahr in *Pl. Syst. Evol.*, 155(1-4): 56 (1987)—Afghanistan.
- lorestanica M. Iranshahr in *Pl. Syst. Evol.*, 155(1-4): 55 (1987)—Iran.

CONVALLARIA (Convallariac.).

- sibirica (Delar.) Ker in *J. Sci. Arts*, 1: 182 (1816); cf. D.J. Mabberley in *Taxon*, 31(1): 70 (1982): *Polygonatum sibiricum*.
- spicata C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 334 (1784)—Japan.†

CONVOLVULUS (Convolvulac.).

- affinis (Endl.) J.H. Maiden in *Proc. Linn. Soc. New S. Wales*, 28(4): 711 (1903 publ. 1904), nom. illegit. non Scheele 1848: *Calystegia affinis*.
- americanus (Sims) J.W. Loud., *Lad. Fl. Gard. Orn. Perenn.*, 2: 98 (1844); cf. D.J. Mabberley in *Taxon*, 32(1): 87 (1983): Basionym not stated.
- bentira F. Buchanan-Hamilton ex L.W. Dillwyn, *Rev. Hortus Malab.*: 61 (1839); fide D.J. Mabberley in *Taxon*, 26(5-6): 533 (1977)—India.
- cujanensis S. Bowdich in T.E. Bowdich, *Exc. Madeira*: 252 (1825); cf. D.J. Mabberley in *Bot. Macaronesica*, 6: 60 (1980)—Gambia.
- dissectus (Willd.) Endl., *Cat. Horti Vindob.*, 2: 65 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 435 (1984): Basionym not stated.
- edulis C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 203 (1784)—Japan.†
- eyreanus R.W. Johnson in *Austrobaileya*, 2(4): 408 (1987)—Australia (S. Australia).
- flexuosus R. Brown in C.L. von Buch, *Phys. Besch. Canar. Ins.*: 193 (1825), nom. illegit. later homonym of Spreng. (1824); fide D.J. Mabberley in *Bot. Macaronesica*, 6: 62 (1980)—Madeira.
- japonicus C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 200 (1784)—Japan.†
- microsepalus R.W. Johnson in *Austrobaileya*, 2(4): 410 (1987)—Australia (S. Australia).

CONVOLVULUS :-

- ocularis (Bartl.) Endl., *Cat. Horti Vindob.*, 2: 64 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 435 (1984): Basionym not stated.
- sogdianus A. Bunge, *Beitr. Fl. Russl.*: 219 (1852)—U.S.S.R. (Middle Asia).†
- trinervius C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 201 (1784)—Japan.†
- tujuntaensis G.K. Kinzibaeva in *Fl. Tadzhikskoi SSR*, 7: 524, 334 (1984)—U.S.S.R. (Middle Asia).
- verecundus
subsp. waitaha W.R. Sykes in *New Zealand J. Bot.*, 25(1): 154 (1987)—New Zealand.
- willdenowii Dehnh., *Cat. Pl. Hort. Camald.*: 10 (1829); cf. D.J. Mabberley in *Taxon*, 30(1): 15 (1981)—Locality not stated.

CONYZA (Compos.).

- brevipetiolata (Muschler) S. Lisowski in *Bull. Jard. Bot. Nation. Belg.*, 60(1-2): 175 (1990): *Microglossa brevipetiolata*.
- kahuzica S. Lisowski in *Bull. Jard. Bot. Nation. Belg.*, 60(1-2): 176 (1990)—Zaire.
- vernonioides
subsp. arborea (R.E. Fries) S. Lisowski in *Bull. Jard. Bot. Nation. Belg.*, 60(1-2): 176 (1990): *Nidorella arborea*.

×COOKARA hort. in *Orchid Rev.*, 97(1149): centre page pull-out p. 8 (1989). ORCHIDACEAE. (Broughtonia × Cattleya × Diacrium × Laelia).

COPAIFERA (Legumin.).

- camibar L.J. Poveda, N. Zamora & P.E. Sánchez-Vindas in *Brenesia*, 31: 117 (1989 publ. 1990)—Costa Rica.
- venezuelana
var. laxa N. Xena de Enrech & M.T.K. Arroyo in *Acta Bot. Venezuel.*, 14(2): 264 (1983)—Venezuela.

COPIAPOA (Cactac.).

- atacamensis
var. calderana (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 98 (1989), contrary to Art. 57 ICBN (1988): C. calderana.
- cinerascens
var. grandiflora (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 100 (1989): C. grandiflora.
- cinerea
var. eremophila (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 106 (1989): C. eremophila.
- var. gigantea* (Backeberg) N.P. Taylor in *Bradleya*, 5: 92 (1987): C. gigantea.
- var. tenebrosa* (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 106 (1989): C. tenebrosa.

coquimbana

- var. alticostata* (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 108 (1989): C. alticostata.
- var. fiedleriana* (Schumann) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 108 (1989): *Echinocactus fiedlerianus*.
- var. pendulina* (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 108 (1989): C. pendulina.
- var. pseudocoquimbana* (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 108 (1989): C. pseudocoquimbana.
- var. vallenarensis* (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 108 (1989): C. vallenarensis.

dealbata

- var. carrizalensis* (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 112 (1989): C. carrizalensis.
- f. gigantea (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 112 (1989): C. carrizalensis var. gigantea.

desertorum

- var. hornilloensis* (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 114 (1989): C. hornilloensis.

COPIAPOA :-

- var. rubriflora* (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 114 (1989), contrary to Art. 57 ICBN (1988): C. rubriflora.
- var. rupestris* (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 114 (1989), contrary to Art. 57 ICBN (1988): C. rupestris.
- echinoides
var. cuprea (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 116 (1989): C. cuprea.
- humilis
var. esmeraldana (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 118 (1989): C. esmeraldana.
- var. longispina* (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 118 (1989): C. longispina.
- var. paposoensis* (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 118 (1989), basionym invalid: C. paposoensis.
- var. taltalensis* (Werd.) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 118 (1989): *Echinocactus taltalensis*.
- hypogaea
var. laui (Diers) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 120 (1989), as 'laui': C. laui.
- marginata
var. bridgesii (Pfeiffer) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 124 (1989): *Echinocactus bridgesii*.
- megarhiza
var. echinata (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 126 (1989): C. echinata.

COPROSMA (Rubiace.).

- huttoniana P.S. Green in *Kew Bull.*, 45(2): 249 (1990)—Lord Howe Is.
- nephelephila J. Florence in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(1): 3 (1986)—Marquesas Is.
- niphophila A.E. Orchard in *Brunonia*, 9(2): 134 (1987)—Australia (New South Wales), New Zealand.
- perpusilla
subsp. subantarctica A.E. Orchard in *Brunonia*, 9(2): 133 (1987)—Macquarie Is., New Zealand.
- reticulata J. Florence in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(1): 6 (1986)—Marquesas Is.
- waima A.P. Druce in *New Zealand J. Bot.*, 27(1): 119 (1989)—New Zealand.

COPTIS (Ranunculac.).

- chinensis
var. angustiloba W.Y. Kong in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 109 (1988)—China.

CORALLODISCUS (Gesneriac.).

- flabellatus
var. luteus (Craib) K.Y. Pan in *Fl. Reipubl. Popul. Sin.*, 69: 237 (1990): *Didissandra lutea*.
- var. puberulus* K.Y. Pan in *Acta Phytotax. Sin.*, 26(6): 437 (1988)—China, Xizang.
- var. sericeus* (Craib) K.Y. Pan in *Fl. Reipubl. Popul. Sin.*, 69: 236 (1990): *Didissandra sericea*.
- lanuginosus
var. minuta (Haines) H.B. Nathani, *Flow. Pl. India, Nepal & Bhutan*: 328 (1990): *Didissandra lanuginosa* var. *minuta*.
- plicatus
var. lineatus (Craib) K.Y. Pan in *Fl. Reipubl. Popul. Sin.*, 69: 243 (1990): *Didissandra lineata*.

CORALLORHIZA (Orchidac.).

- anandae C.L. Malhotra & B. Balodi in *Bull. Bot. Surv. India*, 26(1-2): 108 (1984 publ. 1985)—India.

CORCHOROPSIS (Tiliac.).

- tomentosa
var. micropetala Y.T. Chang in *Acta Phytotax. Sin.*, 24(1): 23 (1986)—China.
- var. tomentosicarpa* P.L. Chiu & G.R. Zhong in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 106 (1988)—China.

CORCHORUS (Tiliac.).

- brevicornutus *K. Vollesen in Kew Bull.*, 41(4): 957 (1986)—Ethiopia, Tanzania.
 deccanensis *H.B. Singh & M.V. Viswanathan in Taxon*, 39(2): 341 (1990), nom. nov.: *C. velutinus Pardeshi*.
 japonicus *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg.*, ed. 14: 501 (1784)—Japan.†
 velutinus *V.N. Pardeshi in Indian Bot. Rep.*, 1(1): 63 (1982)—India.

CORDIA (Boraginac.).

- subgen. *Myxa* *N. Taroda in Rev. Brasil. Bot.*, 9(1): 39 (1986 publ. 1987).
 sect. *Superbiflorae* *N. Taroda in Rev. Brasil. Bot.*, 9(1): 40 (1986 publ. 1987).
 anisophylla *J.S. Miller in Ann. Missouri Bot. Gard.*, 75(2): 466 (1988)—Panama.
 bullata
 subsp. *humilis* (*Jacq.*) *J. Gaviria in Mitt. Bot. Staatssamml. München*, 23: 189 (1987): *Varronia humilis*.
 cabanayensis *J. Gaviria in Mitt. Bot. Staatssamml. München*, 23: 72 (1987)—Venezuela.
 cardenasiana *J.S. Miller in Ann. Missouri Bot. Gard.*, 74(3): 672 (1987)—Guatemala.
 correae *J.S. Miller in Ann. Missouri Bot. Gard.*, 75(2): 471 (1988)—Panama.
 crenata
 subsp. *meridionalis* *A.M. Warfa in Nordic J. Bot.*, 8(6): 617 (1989)—Kenya, Uganda, Somali Republic, Tanzania.
 croatii *J.S. Miller in Ann. Missouri Bot. Gard.*, 75(2): 471 (1988)—Panama, Costa Rica.
 dardanoi *N. Taroda in Notes Roy. Bot. Gard. Edinburgh*, 44(1): 111 (1986), as 'dardani'—Brazil.
 dentata *J.L.M. Poirer in Lamarck, Encycl. Meth.*, Bot., 7: 48 (1806)—Netherlands Antilles.
 gentryi *J.S. Miller in Ann. Missouri Bot. Gard.*, 76(2): 595 (1989)—Colombia.
 guacharaca *J. Gaviria in Mitt. Bot. Staatssamml. München*, 23: 147 (1987)—Venezuela.
 harleyi *N. Taroda in Notes Roy. Bot. Gard. Edinburgh*, 44(1): 128 (1986)—Brazil.
 ignea
 var. *aurantiaca* *Alain H. Liogier in Phytologia*, 64(5): 346 (1988)—Hispaniola (Dominican Republic).
 lasseri *Agostini ex J. Gaviria in Mitt. Bot. Staatssamml. München*, 23: 95 (1987)—Venezuela.
 leslieae *J.S. Miller in Ann. Missouri Bot. Gard.*, 75(2): 484 (1988)—Panama.
 leucomalloides *N. Taroda in Notes Roy. Bot. Gard. Edinburgh*, 44(1): 125 (1986)—Brazil.
 liesneri *J.S. Miller in Ann. Missouri Bot. Gard.*, 74(3): 670 (1987)—Costa Rica.
 longipetiolata *A.M. Warfa in Nordic J. Bot.*, 9(3): 251 (1989)—Kenya.
 macvaughii *J.S. Miller in Syst. Bot.*, 11(4): 579 (1986)—Mexico.
 mandimbana *E.S. Martins in Garcia de Orta, Ser. Bot.*, 9(1-2): 71 (1987 publ. 1988)—Mozambique.
 mayoi *N. Taroda in Notes Roy. Bot. Gard. Edinburgh*, 44(1): 129 (1986)—Brazil.
 meridensis *J. Gaviria in Mitt. Bot. Staatssamml. München*, 23: 76 (1987)—Venezuela.
 sangrinaria *J. Gaviria in Mitt. Bot. Staatssamml. München*, 23: 222 (1987)—Venezuela.
 sipapoi *J. Gaviria in Mitt. Bot. Staatssamml. München*, 23: 67 (1987)—Venezuela.
 stenostachya *Killip ex J. Gaviria in Mitt. Bot. Staatssamml. München*, 23: 243 (1987)—Venezuela.
 steyermarkii *J. Gaviria in Mitt. Bot. Staatssamml. München*, 23: 200 (1987)—Venezuela.
 tacarcunensis *J.S. Miller in Ann. Missouri Bot. Gard.*, 75(2): 495 (1988)—Panama.
 torrei *E.S. Martins in Garcia de Orta, Ser. Bot.*, 9(1-2): 71 (1987 publ. 1988)—Mozambique.
 williamsii *Agostini ex J. Gaviria in Mitt. Bot. Staatssamml. München*, 23: 134 (1987)—Venezuela.

CORDYLANTHUS (Scrophulariac.).

- cremicus
 subsp. *kernensis* *T.I. Chuang & L.R. Heckard, Syst. Evol. Cordylanthus (Syst. Bot. Monog.)*, 10: 91 (1986)—U.S.A. (California).

CORDYLANTHUS :-

- kingii
 subsp. *densiflorus* *T.I. Chuang & L.R. Heckard, Syst. Evol. Cordylanthus (Syst. Bot. Monog.)*, 10: 81 (1986)—U.S.A. (Utah).
 var. *densiflorus* (*Chuang & Heckard*) *N.D. Atwood in S.L. Welsh et al., Utah Fl. (Great Basin Nat. Mem.)*, 9: 572 (1987): *C. kingii* subsp. *densiflorus*.
 subsp. *helleri* (*Ferris*) *T.I. Chuang & L.R. Heckard, Syst. Evol. Cordylanthus (Syst. Bot. Monog.)*, 10: 81 (1986): *Adenostegia helleri*.
 pilosus
 subsp. *hansenii* (*Ferris*) *T.I. Chuang & L.R. Heckard, Syst. Evol. Cordylanthus (Syst. Bot. Monog.)*, 10: 66 (1986): *Adenostegia hansenii*.
 subsp. *trifidus* (*Robinson & Greenman*) *T.I. Chuang & L.R. Heckard, Syst. Evol. Cordylanthus (Syst. Bot. Monog.)*, 10: 68 (1986): *C. pilosus* var. *trifidus*.
 rigidus
 subsp. *involutus* (*Wiggins*) *T.I. Chuang & L.R. Heckard, Syst. Evol. Cordylanthus (Syst. Bot. Monog.)*, 10: 47 (1986): *C. involutus*.
 subsp. *littoralis* (*Ferris*) *T.I. Chuang & L.R. Heckard, Syst. Evol. Cordylanthus (Syst. Bot. Monog.)*, 10: 42 (1986): *Adenostegia littoralis*.
 subsp. *setigerus* *T.I. Chuang & L.R. Heckard, Syst. Evol. Cordylanthus (Syst. Bot. Monog.)*, 10: 43 (1986)—U.S.A. (California), Mexico.
 tenuis
 subsp. *barbatus* *T.I. Chuang & L.R. Heckard, Syst. Evol. Cordylanthus (Syst. Bot. Monog.)*, 10: 58 (1986)—U.S.A. (California).
 subsp. *capillaris* (*Pennell*) *T.I. Chuang & L.R. Heckard, Syst. Evol. Cordylanthus (Syst. Bot. Monog.)*, 10: 60 (1986): *C. capillaris*.
 subsp. *palescens* (*Pennell*) *T.I. Chuang & L.R. Heckard, Syst. Evol. Cordylanthus (Syst. Bot. Monog.)*, 10: 55 (1986): *C. palescens*.
 subsp. *viscidus* (*T. Howell*) *T.I. Chuang & L.R. Heckard, Syst. Evol. Cordylanthus (Syst. Bot. Monog.)*, 10: 56 (1986): *Adenostegia viscida*.
 wrightii
 subsp. *kaibabensis* *T.I. Chuang & L.R. Heckard, Syst. Evol. Cordylanthus (Syst. Bot. Monog.)*, 10: 87 (1986)—U.S.A. (Arizona).
 subsp. *tenuifolius* (*Pennell*) *T.I. Chuang & L.R. Heckard, Syst. Evol. Cordylanthus (Syst. Bot. Monog.)*, 10: 86 (1986): *C. tenuifolius*.

CORDYLINAE (Agavac.).

- cernua (*Jacq.*) *Endl., Cat. Horti Vindob.*, 1: 149 (1842); cf. *D.J. Mabberley in Taxon*, 33(3): 435 (1984): Basionym not stated.
 ferrea (*L.*) *Endl., Cat. Horti Vindob.*, 1: 149 (1842); cf. *D.J. Mabberley in Taxon*, 33(3): 435 (1984): Basionym not stated.
 marginata (*Lam.*) *Endl., Cat. Horti Vindob.*, 1: 148 (1842); cf. *D.J. Mabberley in Taxon*, 33(3): 435 (1984): *Dracaena marginata*.
 petiolaris (*Domin*) *L. Pedley in Fl. Australia*, 46: 220 (1986): *C. terminalis* var. *petiolaris*.
 reflexa (*Lam.*) *Endl., Cat. Horti Vindob.*, 1: 148 (1842); cf. *D.J. Mabberley in Taxon*, 33(3): 435 (1984): *Dracaena reflexa*.

COREOCARPUS (Compos.).

- parthenioides
 var. *involutus* (*E.L. Greene*) *E.B. Smith in Syst. Bot.*, 14(4): 470 (1989): *C. involutus*.

COREOPSIS (Compos.).

- queretarensis *B.L. Turner in Brittonia*, 38(2): 168 (1986)—Mexico.

CORISPERMUM (Chenopodiace.).

- ladakhianum *C. Grey-Wilson & B.M. Wadhwa in Kew Bull.*, 42(2): 471 (1987)—India.
 lehmannianum *A. Bunge, Beitr. Fl. Russl.*: 282 (1852)—U.S.S.R. (Middle Asia).†
 maynense *M.S. Ignatov in Byull. Mosk. Obshch. Ispyt. Priv., Biol.*, 91(3): 112 (1986)—U.S.S.R. (Soviet Far East).
 ochotense *M.S. Ignatov in Byull. Mosk. Obshch. Ispyt. Priv., Biol.*, 91(3): 113 (1986)—U.S.S.R. (Soviet Far East).

CORISPERMUM :-

- spicatum *Schweigg., Enum. Pl. Hort. Bot. Regiom.*: 27 (1812); cf. *D.J. Mabberley in Taxon*, 33(3): 442 (1984)—Locality not stated.

CORNUS (Cornac.).

- sect. *Japonicae* (*Nakai*) *Q.Y. Xiang in Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 44 (1987): *Cynoxylon* subsect. *Japonicae*.
 subgen. *Oblongania* (*Wanger.*) *K.Y. Wang in Guihaia*, 10(2): 123 (1990), without full basionym ref.: Basionym not stated.
 subgen. *Sinocornus* *Q.Y. Xiang in Acta Phytotax. Sin.*, 25(2): 128 (1987).
 subgen. *Syncarpea* (*Nakai*) *Q.Y. Xiang in Acta Phytotax. Sin.*, 25(2): 128 (1987): *Benthamia* subgen. *Syncarpea*.
 canadensis
 f. *semivirescens* *J. Cayouette in Nat. Canad.*, 113(4): 333 (1986)—Canada (Quebec).
 capitata
 subsp. *angustata* (*Chun*) *Q.Y. Xiang in Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 40 (1987): *C. kousa* var. *angustata*.
 subsp. *brevipedunculata* (*Fang & Hsieh*) *Q.Y. Xiang in Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 39 (1987): *Dendrobenthamia brevipedunculata*.
 subsp. *emeiensis* (*Fang & Hsieh*) *Q.Y. Xiang in Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 39 (1987): *Dendrobenthamia emeiensis*.
 hongkongensis
 subsp. *elegans* (*Fang & Hsieh*) *Q.Y. Xiang in Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 43 (1987): *Dendrobenthamia elegans*.
 subsp. *ferruginea* (*Wu*) *Q.Y. Xiang in Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 44 (1987): *C. ferruginea*.
 subsp. *gigantea* (*Hand.-Mazz.*) *Q.Y. Xiang in Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 43 (1987): *C. hongkongensis* var. *gigantea*.
 var. *jinyunensis* (*Fang & W.K. Hu*) *Q.Y. Xiang in Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 43 (1987): *Dendrobenthamia jinyunensis*.
 subsp. *melanotricha* (*Pojark.*) *Q.Y. Xiang in Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 42 (1987): *Cynoxylon melanotricha*.
 subsp. *tonkinensis* (*Fang*) *Q.Y. Xiang in Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 42 (1987): *Dendrobenthamia tonkinensis*.
 japonica *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg.*, ed. 14: 159 (1784)—Japan.†
 kousa
 subsp. *chinensis* (*Osborn*) *Q.Y. Xiang in Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 46 (1987): *C. kousa* var. *chinensis*.
 var. *leucotricha* (*Fang & Hsieh*) *Q.Y. Xiang in Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 47 (1987): *Dendrobenthamia japonica* var. *leucotricha*.
 multinervosa (*Pojark.*) *Q.Y. Xiang in Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 47 (1987): *Cynoxylon multinervosa*.
 poliophylla
 var. *microphylla* *L.C. Wang & X.G. Sun in Bull. Bot. Res. North-East. Forest. Inst.*, 10(4): 47 (1990)—China.
 schindleri
 subsp. *poliophylla* (*Schneid. & Wanger.*) *Q.Y. Xiang in Bull. Bot. Res. North-East. Forest. Inst.*, 9(1): 135 (1989): *C. poliophylla*.
 ulotricha
 var. *leptophylla* *W.K. Hu ex P.C. Li in Fl. Xizangica*, 3: 528 (1986)—Xizang.

CORONILLA (Legumin.).

- aurantiaca (*J. Rohlena*) *A.W. Hill in Index Kewensis, Supp.* 6: 53 (1916-1920 publ. 1926): *C. vaginalis* var. *aurantiaca*.
 moravica *A. Chrteková & E. Stavělová in Folia Geobot. Phytotax.*, 21(3): 325 (1986)—Czechoslovakia.
 somalensis *M. Thulin in Nordic J. Bot.*, 8(5): 485 (1989)—Somali Republic.
 valentina
 subsp. *speciosa* (*Uhrová*) *Quézel & Santa ex W. Greuter & Burdet in Willdenowia*, 16(2): 442 (1987): *C. speciosa*.

CORRIGIOLA (Molluginac.).

- litoralis
subsp. foliosa (Pérez Lara) J.A. Devesa in *Lagascalia*, 14(1): 131 (1986); C. telephiifolia subvar. foliosa.
subsp. perez-larae Chaudhri, F. Muñoz Garmendia & J. Pedrol in *An. Jard. Bot. Madrid*, 45(2): 586 (1988 publ. 1989), nom. nov.: C. telephiifolia subvar. foliosa Pérez Lara.

CORTADERIA (Gramin.).

- turbaria H.E. Connor in *New Zealand J. Bot.*, 25(1): 167 (1987)—Chatham Is.

CORYANTHES (Orchidac.).

- cataniapoensis G.A. Romero & G. Carnevali in *Ann. Missouri Bot. Gard.*, 76(2): 454 (1989)—Venezuela.
 horichiana R. Jenny in *Orchidee*, 37(3): 126 (1986)—Costa Rica.
 leferenziorum G. Gerlach, Senghas & Seeger in *Orchidee*, 41(2): 49 (1990)—Bolivia.
 pegiae G.A. Romero in *Selbyana*, 9(1): 147 (1986)—Venezuela.
 seegeri G. Gerlach in *Orchidee*, 38(2): 87 (1987)—Peru.
 senghasiana G. Gerlach in *Orchidee*, 39(2): 74 (1988)—Peru.
 verrucolineata G. Gerlach in *Orchidee*, 40(2): 52 (1989)—Peru.

CORYBAS (Orchidac.).

- acutus J. Dransfield & J.B. Comber in *Kew Bull.*, 41(3): 595 (1986)—Java.
 barbarae D.L. Jones in *Austrobaileya*, 2(5): 548 (1988)—Australia (Queensland, New South Wales).
 calcicolus J. Dransfield & G. Smith in *Kew Bull.*, 41(3): 608 (1986)—Malaya.
 calopeplos J. Dransfield & G. Smith in *Kew Bull.*, 41(3): 584 (1986)—Malaya.
 comptus J. Dransfield & G. Smith in *Kew Bull.*, 41(3): 606 (1986)—Malaya.
 holttumii J. Dransfield & G. Smith in *Kew Bull.*, 41(3): 590 (1986)—Malaya.
 incurvus D.L. Jones & M.A. Clements in *Kew Bull.*, 43(1): 135 (1988)—Australia (Victoria, New South Wales, S. Australia), Tasmania.
 montanus D.L. Jones in *Austrobaileya*, 2(5): 547 (1988)—Australia (Queensland).
 muluensis J. Dransfield in *Kew Bull.*, 41(3): 588 (1986)—Borneo (Sarawak).
 piliferus J. Dransfield in *Kew Bull.*, 41(3): 588 (1986)—Borneo (Sabah).
 praetermissus J. Dransfield & J.B. Comber in *Kew Bull.*, 41(3): 592 (1986)—Java.
 ramosianus J. Dransfield in *Kew Bull.*, 41(3): 611 (1986)—Philippine Is.
 selangorensis J. Dransfield & G. Smith in *Kew Bull.*, 41(3): 606 (1986)—Malaya.
 serpentinus J. Dransfield in *Kew Bull.*, 41(3): 604 (1986)—Borneo (Sabah).
 umbrosus J. Dransfield & J.B. Comber in *Kew Bull.*, 41(3): 580 (1986)—Java.
 villosus J. Dransfield & G. Smith in *Kew Bull.*, 41(3): 599 (1986)—Malaya.

CORYCIUM (Orchidac.).

- ingeanum E.G.H. Oliver in *S. Afr. J. Bot.*, 52(3): 256 (1986)—South Africa (Cape Province).

CORYDALIS (Papaverac.).

- sect. *Aulacostigma* M. Lidén in *Op. Bot.*, 88: 28 (1986).
 sect. *Bilobatae* M.A. Mikhailova in *Novosti Sist. Vyssh. Rast.*, 24: 100 (1987).
 sect. *Bipapillata* M. Lidén in *Op. Bot.*, 88: 27 (1986).
 sect. *Cheilanthifoliae* M. Lidén in *Op. Bot.*, 88: 28 (1986).
 sect. *Davidianae* C.Y. Wu & H. Chuang in *Acta Bot. Yunnanica*, 12(3): 279 (1990).
 sect. *Hamatae* C.Y. Wu & Z.Y. Su in *Acta Bot. Yunnanica*, 8(4): 407 (1986).
 subsect. *Incisae* B.U. Oh & Y.S. Kim in *Korean J. Pl. Taxon.*, 19(3): 157 (1989).
 sect. *Mucroniferae* Fedde ex M. Lidén in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 18(6): 524 (1989).
 sect. *Thalictrifoliae* (Fedde) M. Lidén in *Op. Bot.*, 88: 28 (1986): C. § *Thalictrifoliae*.

CORYDALIS :-

- alasanica (Maxim.) G.A. Peshkova in *Bot. Zhurn.*, 75(1): 86 (1990); C. pauciflora var. alasanica.
 ambigua
f. lineariloba (Maxim.) C.Y. Wu & Z.Y. Su in *Acta Bot. Yunnanica*, 7(3): 266 (1985); C. ambigua lusus lineariloba.
 anethifolia C.Y. Wu & Z.Y. Su in *Acta Bot. Yunnanica*, 8(3): 279 (1986)—China. N1
 bimaculata C.Y. Wu & T.Y. Shu in *Fl. Xizangica*, 2: 305 (1985)—Xizang.
 binderae
subsp. pseudohamata (Fedde) Z.Y. Su in *Acta Bot. Yunnanica*, 8(4): 410 (1986); C. pseudohamata.
 brevipedicellata M. Lidén in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 360 (1988 publ. 1989)—Turkey.
 calycina M. Lidén in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 18(6): 532 (1989)—Nepal.
 capnoides
subsp. tenella (Kar. & Kir.) R.V. Kamelin in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 91(6): 91 (1986); C. tenella.
 corymbosa C.Y. Wu & T.Y. Shu in *Fl. Xizangica*, 2: 304 (1985)—Xizang.
 crispa
var. laeviangula C.Y. Wu & H. Chuang in *Fl. Xizangica*, 2: 315 (1985)—Xizang.
var. setulosa C.Y. Wu & H. Chuang in *Fl. Xizangica*, 2: 317 (1985)—Xizang.
 drakeana
var. tibetica C.Y. Wu & H. Chuang in *Fl. Xizangica*, 2: 302 (1985)—Xizang.
 ecalcarata (Z.Y. Su) Y.H. Zhang in *Acta Bot. Yunnanica*, 12(1): 40 (1990); C. racemosa var. ecalcarata.
 elegans
subsp. robusta M. Lidén in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 18(6): 518 (1989)—Nepal.
 ellipticarpa C.Y. Wu & Z.Y. Su in *Acta Bot. Yunnanica*, 11(3): 311 (1989)—China.
 fangshanensis W.T. Wang in *Fl. Beijing*, 1: 670, 282 (1984)—China.
 foetida C.Y. Wu & Z.Y. Su in *Acta Bot. Yunnanica*, 9(1): 39 (1987)—China.
var. brevipedunculata Z.Y. Su in *Acta Bot. Yunnanica*, 9(1): 41 (1987)—China.
 gigantea
subsp. multiflora (Mikhailova) V.N. Voroshilov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 95(2): 92 (1990); C. multiflora.
 gracillima C.Y. Wu in *Fl. Xizangica*, 2: 319 (1985), nom. nov., without replaced synonym ref.: C. gracilis Franch.
 grandicalyx B.U. Oh & Y.S. Kim in *Korean J. Pl. Taxon.*, 17(1): 21 (1987)—Korea.
 grandiflora C.Y. Wu & Z.Y. Su in *Acta Bot. Yunnanica*, 11(3): 314 (1989)—China.
 hamata
var. ramosa Z.Y. Su in *Acta Bot. Yunnanica*, 8(4): 409 (1986)—China.
 haussknechtii M. Lidén in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 358 (1988 publ. 1989)—Turkey, Iraq.
 hebephylla C.Y. Wu & Z.Y. Su in *Acta Bot. Yunnanica*, 11(3): 312 (1989)—China.
var. glabrescens C.Y. Wu & Z.Y. Su in *Acta Bot. Yunnanica*, 11(3): 313 (1989)—China.
 heracleifolia C.Y. Wu & Z.Y. Su in *Acta Bot. Yunnanica*, 11(3): 315 (1989)—China.
 humilis B.U. Oh & Y.S. Kim in *Korean J. Pl. Taxon.*, 17(1): 24 (1987)—Korea.
 ×hybrida M.A. Mikhailova in *Novosti Sist. Vyssh. Rast.*, 25: 88 (1988)—Cultivation. (C. bracteata × solida).
 impatiens
var. maxima M.A. Mikhailova in *Novosti Sist. Vyssh. Rast.*, 26: 96 (1989)—China.
var. minima M.A. Mikhailova in *Novosti Sist. Vyssh. Rast.*, 26: 93 (1989)—U.S.S.R. (Siberia).
 kingii
var. minuticalcarata C.Y. Wu in *Fl. Xizangica*, 2: 284 (1985)—Xizang.
 lowndesii M. Lidén in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 18(6): 491 (1989)—Nepal, Xizang.
 luquanensis H. Chuang in *Acta Bot. Yunnanica*, 12(3): 281 (1990)—China.
 maculata B.U. Oh & Y.S. Kim in *Korean J. Pl. Taxon.*, 17(1): 26 (1987)—Korea.

CORYDALIS :-

- maracandica M.A. Mikhailova in *Novosti Sist. Vyssh. Rast.*, 24: 101 (1987)—U.S.S.R. (Middle Asia).
var. diffusa M.A. Mikhailova in *Novosti Sist. Vyssh. Rast.*, 24: 103 (1987)—U.S.S.R. (Middle Asia).
 meifolia
var. ecristata C.Y. Wu & T.Y. Shu in *Fl. Xizangica*, 2: 312 (1985)—Xizang.
 muliensis C.Y. Wu & Z.Y. Su in *Acta Bot. Yunnanica*, 8(4): 411 (1986)—China.
 oligosperma C.Y. Wu & T.Y. Shu in *Fl. Xizangica*, 2: 303 (1985)—Xizang.
 oppositifolia
subsp. kurdica (Cullen & Davis) M. Lidén in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 362 (1988 publ. 1989); C. rutifolia subsp. kurdica.
 pallida
var. chanetii (Lévl.) S.Y. He in *Fl. Beijing*, 1: 281 (1984), without basionym ref.: C. chanetii.
var. zhejiangensis Y.H. Zhang in *Acta Bot. Yunnanica*, 12(1): 39 (1990)—China.
 paniculata C.Y. Wu & H. Chuang in *Fl. Xizangica*, 2: 298 (1985)—Xizang.
 papillipes C.Y. Wu in *Fl. Xizangica*, 2: 317 (1985)—Xizang.
 paschei M. Lidén in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 357 (1988 publ. 1989)—Turkey.
 pseudoadoxa C.Y. Wu & H. Chuang in *Fl. Xizangica*, 2: 276 (1985), as 'pseudo-adoxa'—Xizang.
 pseudoargesi H. Chuang in *Acta Bot. Yunnanica*, 12(3): 284 (1990)—China.
 pseudolongipes M. Lidén in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 18(6): 532 (1989)—Nepal, Sikkim, Bhutan.
 pseudothyrsiflora C.Y. Wu & T.Y. Shu in *Fl. Xizangica*, 2: 310 (1985)—Xizang.
 pterygopetala
var. ecristata H. Chuang in *Acta Bot. Yunnanica*, 12(3): 283 (1990)—China.
 pubescens C.Y. Wu & H. Chuang in *Fl. Xizangica*, 2: 311 (1985)—Xizang.
 pubicula C.Y. Wu & H. Chuang in *Fl. Xizangica*, 2: 266 (1985)—Xizang.
 punicea C.Y. Wu in *Fl. Xizangica*, 2: 284 (1985), nom. nov., without replaced synonym ref.: C. rosea Maxim.
 purpureocalcarata C.Y. Wu & T.Y. Shu in *Fl. Xizangica*, 2: 313 (1985)—Xizang.
 racemosa
var. ecalcarata Z.Y. Su in *Acta Bot. Yunnanica*, 9(1): 37 (1987)—China.
 rarissima M.A. Mikhailova in *Novosti Sist. Vyssh. Rast.*, 26: 91 (1989)—U.S.S.R. (Middle Asia).
 remota
f. heteroclita (K.T. Fu) C.Y. Wu & Z.Y. Su in *Acta Bot. Yunnanica*, 7(3): 269 (1985); C. remota var. heteroclita.
f. lineariloba (Maxim.) C.Y. Wu & Z.Y. Su in *Acta Bot. Yunnanica*, 7(3): 268 (1985); C. remota var. lineariloba.
f. non-apiculata (Ohwi) C.Y. Wu & Z.Y. Su in *Acta Bot. Yunnanica*, 7(3): 269 (1985); C. turtschaninovii var. non-apiculata.
f. papillosa (Kitag.) C.Y. Wu & Z.Y. Su in *Acta Bot. Yunnanica*, 7(3): 268 (1985); C. turtschaninovii var. papillosa.
f. rotundiloba (Maxim.) C.Y. Wu & Z.Y. Su in *Acta Bot. Yunnanica*, 7(3): 268 (1985); C. remota var. rotundiloba.
 repens
var. humosoides Y.H. Zhang in *Acta Bot. Yunnanica*, 12(1): 37 (1990)—China.
 sajanensis G.A. Peshkova in *Bot. Zhurn.*, 75(1): 85 (1990)—U.S.S.R. (Siberia).
 semiaquilegifolia C.Y. Wu & H. Chuang in *Fl. Xizangica*, 2: 279 (1985)—China, Xizang.
 shakya M. Lidén in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 18(6): 519 (1989)—Nepal.
 shennongensis H. Chuang in *Acta Bot. Yunnanica*, 12(3): 285 (1990)—China.
 simplex M. Lidén in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 18(6): 514 (1989)—Nepal.
 solida
subsp. incisae M. Lidén in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 351 (1988 publ. 1989)—Greece, Albania, Yugoslavia.

CORYDALIS :-

- subsp. oligantha (*Trinajstić*) *W. Greuter & Burdet in Willdenowia*, 19(1): 38 (1989): *Bulbocapnos solida* subsp. oligantha.
- spicata *M. Lidén in Bull. Brit. Mus. (Nat. Hist.) Bot.*, 18(6): 528 (1989)—Nepal.
- stipulata *M. Lidén in Bull. Brit. Mus. (Nat. Hist.) Bot.*, 18(6): 522 (1989)—Nepal.
- tangutica *G.A. Peshkova in Bot. Zhurn.*, 75(1): 87 (1990), nom. nov.: *C. pauciflora* var. *latiloba Maxim.*
- tauricola (*Cullen & Davis*) *M. Lidén in Notes Roy. Bot. Gard. Edinburgh*, 45(2): 357 (1988 publ. 1989): *C. solida* subsp. *tauricola*.
- tenuicalcarata *C.Y. Wu & T.Y. Shu in Fl. Xizangica*, 2: 307 (1985)—Xizang.
- terraccina *M. Lidén in Bull. Brit. Mus. (Nat. Hist.) Bot.*, 18(6): 522 (1989)—Nepal.
- tianzhuensis *M.S. Yan & C.J. Wang in Bull. Bot. Res. North-East. Forest. Inst.*, 9(3): 21 (1989)—China.
- tibetoalpina *C.Y. Wu & T.Y. Shu in Fl. Xizangica*, 2: 294 (1985), as 'tibeto-alpina'—Xizang.
- tibetoooppositifolia *C.Y. Wu & T.Y. Shu in Fl. Xizangica*, 2: 299 (1985), as 'tibeto-oppositifolia'—Xizang.
- triternatifolia *C.Y. Wu in Acta Bot. Yunnanica*, 12(3): 280 (1990), nom. nov.: *C. triternata Franch.*
- udokanica *G.A. Peshkova in Bot. Zhurn.*, 75(1): 87 (1990)—U.S.S.R. (Siberia).
- uncinata *M. Lidén in Bull. Brit. Mus. (Nat. Hist.) Bot.*, 18(6): 520 (1989)—Nepal.
- uncinatelylla *M. Lidén in Bull. Brit. Mus. (Nat. Hist.) Bot.*, 18(6): 520 (1989)—Nepal.
- wendelboi *M. Lidén in Notes Roy. Bot. Gard. Edinburgh*, 45(2): 355 (1988 publ. 1989)—Turkey.
- yanhusuo *W.T. Wang in Acta Bot. Yunnanica*, 7(3): 269 (1985)—China.

CORYLOPSIS (Hamamelidac.).

- glabrescens
- var. *gotoana* (*Makino*) *T. Yamanaka in Acta Phytotax. Geobot.*, 37(4-6): 104 (1986): *C. gotoana*.
- f. *gotoana* (*Makino*) *T. Yamanaka in Acta Phytotax. Geobot.*, 37(4-6): 104 (1986): *C. gotoana*.
- f. *pubescens* (*Nakai*) *T. Yamanaka in Acta Phytotax. Geobot.*, 37(4-6): 104 (1986): *C. coreana* var. *pubescens*.
- gotoana*
- var. *coreana* (*Uyeki*) *T. Yamazaki in J. Jap. Bot.*, 63(1): 29 (1988): *C. coreana*.
- var. *pubescens* (*Nakai*) *T. Yamazaki in J. Jap. Bot.*, 63(1): 29 (1988): *C. coreana* var. *pubescens*.

CORYLUS (Corylac.).

- heterophylla
- var. *shenyangensis* *L. Zhao & D. Chen in Fl. Liaoningica*, chief ed. *S.X. Li*, 1: 1361, 251 (1988)—China.
- kweichowensis
- var. *brevipes* *W.J. Liang in Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 117 (1988)—China.
- wulingensis* *Q.X. Liu & C.M. Zhang in Bull. Bot. Res. North-East. Forest. Inst.*, 10(1): 35 (1990)—China.

CORYMBIUM (Compos.).

- africanum
- var. *fourcadei* (*Hutch.*) *F.M. Weitz in Mitt. Inst. Allg. Bot. Hamburg*, 23b: 637 (1990): *C. fourcadei*.
- var. *gramineum* (*Burm. f.*) *F.M. Weitz in Mitt. Inst. Allg. Bot. Hamburg*, 23b: 637 (1990): *C. gramineum*.
- subsp. *scabridum* (*Berg.*) *F.M. Weitz in Mitt. Inst. Allg. Bot. Hamburg*, 23b: 637 (1990): *C. scabridum*.
- elsiae* *F.M. Weitz in Mitt. Inst. Allg. Bot. Hamburg*, 23b: 640 (1990)—South Africa (Cape Province).
- glabrum
- var. *rogersii* (*Markötter*) *F.M. Weitz in Mitt. Inst. Allg. Bot. Hamburg*, 23b: 639 (1990), without basionym date: *C. rogersii*.
- laxum
- subsp. *bolusii* *F.M. Weitz in Mitt. Inst. Allg. Bot. Hamburg*, 23b: 640 (1990)—South Africa (Cape Province).

CORYNOSTYLIS (Violac.).

- albiflora *Bull. Retail List*, 54: 3 (1870); cf. *D.J. Mabberley in Taxon*, 34(3): 456 (1985)—Locality not stated.

CORYNOTHECA (Anthericac.).

- asperata *R.J.F. Henderson in Fl. Australia*, 45: 473, 304 (1987)—Australia (N. Terr., W. Australia).
- flexuosissima *R.J.F. Henderson in Fl. Australia*, 45: 474, 304 (1987)—Australia (W. Australia).
- licrota *R.J.F. Henderson in Fl. Australia*, 45: 474 (1987), nom. nov.: *C. lateriflora* var. *laevisperma Gauba.*
- micrantha
- var. *acanthoclada* (*F. Muell.*) *R.J.F. Henderson in Fl. Australia*, 45: 474 (1987): *Caesia acanthoclada*.
- var. *divaricata* *R.J.F. Henderson in Fl. Australia*, 45: 474, 303 (1987)—Australia (S. Australia, W. Australia, N. Terr., Queensland).
- var. *elongata* *R.J.F. Henderson in Fl. Australia*, 45: 475, 303 (1987)—Australia (W. Australia).
- var. *gracilis* *R.J.F. Henderson in Fl. Australia*, 45: 475, 302 (1987)—Australia (W. Australia).
- var. *panda* *R.J.F. Henderson in Fl. Australia*, 45: 475, 303 (1987)—Australia (W. Australia).
- pungens *R.J.F. Henderson in Fl. Australia*, 45: 475, 304 (1987)—Australia (W. Australia).

CORYPHANTHA (Cactac.).

- salm-dyckiana
- var. *brunnea* (*Salm-Dyck*) *G. Unger in Kakt. And. Sukk.*, 37(5): 86 (1986): *Mammillaria salm-dyckiana* var. *brunnea*.
- tripugionacantha *A.B. Lau in Cact. Suc. Mex.*, 33(1): 21 (1988)—Mexico.
- wohlschlagerei *E. Holzsei in Kakt. And. Sukk.*, 41(3): 52 (1990)—Mexico.

CORYTHOPHORA (Lecythidac.).

- rimosa
- subsp. *rubra* *S.A. Mori in Mem. New York Bot. Gard.*, 44: 31 (1987)—French Guiana, Brazil.

COSMEA (Compos.).

- tenuifolia (*Lindl.*) *J.W. Loud., Lad. Fl. Gard. Orn. Ann.*: 185 (1840); cf. *D.J. Mabberley in Taxon*, 32(1): 87 (1983): *Cosmos tenuifolia*.

COSMIDIUM (Compos.).

- engelmannii *Huber, Cat. Print. 1865*: 3 (1865); *Wochenschrift*, 8: 54 (1865); cf. *D.J. Mabberley in Taxon*, 34(3): 450 (1985)—Locality not stated.

COSMOS (Compos.).

- deficiens (*Sherff*) *T.E. Melchert in Phytologia*, 69(3): 190 (1990): *C. diversifolius* var. *deficiens*.
- diversifolius
- var. *dahlioides* (*S. Wats.*) *T.E. Melchert in Phytologia*, 69(3): 189 (1990): *Bidens dahlioides*.
- landii
- var. *achalconensis* *T.E. Melchert in Phytologia*, 69(3): 197 (1990)—Mexico.
- pacificus* *T.E. Melchert in Phytologia*, 69(3): 213 (1990), nom. nov.: *C. caudatus* var. *exaristatus Sherff.*
- var. *chiapensis* *T.E. Melchert in Phytologia*, 69(3): 214 (1990)—Mexico.
- sessilis
- var. *stellatus* (*Sherff*) *T.E. Melchert in Phytologia*, 69(3): 197 (1990): *C. stellatus*.

COSTUS (Costac.).

- asteranthus *P.J.M. Maas & H. Maas in Notes Roy. Bot. Gard. Edinburgh*, 46(3): 307 (1990)—Peru.
- beckii *P.J.M. Maas & H. Maas in Notes Roy. Bot. Gard. Edinburgh*, 46(3): 309 (1990)—Bolivia, Peru.
- oblongus *S.Q. Tong in Acta Phytotax. Sin.*, 27(4): 291 (1989)—China, Xizang.
- speciosus
- var. *formosanus* (*Nakai*) *S.S. Ying in Quart. J. Chinese Forest.*, 21(2): 117 (1988): *C. formosanus*.
- vargasii* *P.J.M. Maas & H. Maas in Notes Roy. Bot. Gard. Edinburgh*, 46(3): 311 (1990)—Peru.
- viridis* *S.Q. Tong in Acta Phytotax. Sin.*, 27(4): 289 (1989)—China.

COTINUS (Anacardiac.).

- cogygria
- var. *chengkouensis* *Y.T. Wu in Fl. Sichuanica*, 4: 119 (1988)—China.

COTONEASTER (Rosac.).

- assadii *M. Khatamsaz in Iranian J. Bot.*, 4(1): 116 (1988)—Iran.
- glacialis (*Hook. f. ex Wenzig*) *G. Panigrahi & A. Kumar in Bull. Bot. Surv. India*, 28(1-4): 75 (1986 publ. 1988): *C. microphyllus* var. *glacialis*.
- nivalis (*Klotz*) *G. Panigrahi & A. Kumar in Bull. Bot. Surv. India*, 28(1-4): 75 (1986 publ. 1988): *C. microphyllus* var. *nivalis*.
- parvifolius (*J.D. Hook.*) *G. Panigrahi & A. Kumar in Bull. Bot. Surv. India*, 28(1-4): 67 (1986 publ. 1988): *C. bacillaris* var. *parvifolia*.

COTTENDORFIA (Bromeliac.).

- arachnoidea *L.B. Smith, J. Steyermark & Robinson in Acta Bot. Venezuel.*, 14(3): 9 (1984)—Venezuela.
- geniculata
- var. *minor* *L.B. Smith, J. Steyermark & Robinson in Acta Bot. Venezuel.*, 14(3): 15 (1984)—Venezuela.
- marahuacae *L.B. Smith, J. Steyermark & Robinson in Acta Bot. Venezuel.*, 14(3): 9 (1984)—Venezuela.

COTYLEDON (Crassulac.).

- acutiflora (*Andr.*) *Ait. f., Epit. Hort. Kew.*: 366 (1814); cf. *D.J. Mabberley in Taxon*, 31(1): 70 (1982): Basionym not stated.

COUEPIA (Chrysobalanac.).

- amaralia *G.T. Prance in Fl. Neotrop.*, 9S: 72 (1989), as 'amaralae'—Brazil.
- carautae *G.T. Prance in Fl. Neotrop.*, 9S: 70 (1989)—Brazil.
- caryophylloides
- subsp. *glabra* *G.T. Prance in Fl. Neotrop.*, 9S: 72 (1989)—Brazil.
- coarctata *G.T. Prance in Fl. Neotrop.*, 9S: 77 (1989)—Brazil.
- monteclarensis *G.T. Prance in Fl. Neotrop.*, 9S: 66 (1989)—Brazil.
- scottmorii *G.T. Prance in Fl. Neotrop.*, 9S: 68 (1989)—Panama.

COURATARI (Lecythidac.).

- sect. *Echinata* *G.T. Prance in Fl. Neotrop.*, 21(II): 123 (1990).
- sect. *Microcarpa* *G.T. Prance in Fl. Neotrop.*, 21(II): 143 (1990).

COURSETIA (Legumin.).

- sect. *Cracca* (*Benth.*) *M. Lavin in C.H. Stirton (ed.), Advances in Legume System.*, 3: 59 (1987): gen. *Cracca*.
- sect. *Craccoides* (*DC.*) *M. Lavin, Syst. Coursetia (Legumin.-Papilionoid.) (Syst. Bot. Monog.)*, 21: 98 (1988): *Tephrosia* sect. *Craccoides*.
- sect. *Neocracca* (*O. Kuntze*) *M. Lavin in C.H. Stirton (ed.), Advances in Legume System.*, 3: 59 (1987): gen. *Neocracca*.
- sect. *Poissonia* (*Baillon*) *M. Lavin in C.H. Stirton (ed.), Advances in Legume System.*, 3: 58 (1987): gen. *Poissonia*.
- andina* *M. Lavin, Syst. Coursetia (Legumin.-Papilionoid.) (Syst. Bot. Monog.)*, 21: 133 (1988)—Venezuela.
- apantensis* *M. Sousa S. in Ann. Missouri Bot. Gard.*, 73(4): 732 (1986 publ. 1987)—Nicaragua.
- barrancana* *M. Lavin, Syst. Coursetia (Legumin.-Papilionoid.) (Syst. Bot. Monog.)*, 21: 108 (1988)—Mexico.
- cajamarcana* *M. Lavin, Syst. Coursetia (Legumin.-Papilionoid.) (Syst. Bot. Monog.)*, 21: 87 (1988)—Peru.
- caribaea* (*Jacq.*) *M. Lavin in C.H. Stirton (ed.), Advances in Legume System.*, 3: 63 (1987): *Galega caribaea*.
- var. *astragalina* (*H.B.K.*) *M. Lavin, Syst. Coursetia (Legumin.-Papilionoid.) (Syst. Bot. Monog.)*, 21: 129 (1988): *Tephrosia astragalina*.
- var. *chiapensis* (*Rydberg*) *M. Lavin, Syst. Coursetia (Legumin.-Papilionoid.) (Syst. Bot. Monog.)*, 21: 127 (1988): *Benthamantha chiapensis*.

COURSETIA :-

- var. ochroleuca* (Jacquin) M. Lavin, *Syst. Coursetia* (Legumin.-Papilionoid.) (Syst. Bot. Monog., 21): 131 (1988); *Galega ochroleuca*.
- var. pacifica* (M. Sousa & Lavin) M. Lavin, *Syst. Coursetia* (Legumin.-Papilionoid.) (Syst. Bot. Monog., 21) 128 (1988); *Cracca pacifica*.
- var. sericea* (A. Gray) M. Lavin, *Syst. Coursetia* (Legumin.-Papilionoid.) (Syst. Bot. Monog., 21): 122 (1988); *Cracca edwardsii* var. *sericea*.
- var. tomentosa* M. Lavin, *Syst. Coursetia* (Legumin.-Papilionoid.) (Syst. Bot. Monog., 21): 124 (1988)—Mexico.
- var. trifoliolata* (Rydberg) M. Lavin, *Syst. Coursetia* (Legumin.-Papilionoid.) (Syst. Bot. Monog., 21): 125 (1988); *Benthalthantra trifoliolata*.
- elliptica* M. Sousa S. & V.E. Rudd in *Ann. Missouri Bot. Gard.*, 73(4): 732 (1986 publ. 1987)—Costa Rica, Nicaragua.
- ferruginea* (Kunth) M. Lavin in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 63 (1987); *Robinia ferruginea*.
- glabella* (A. Gray) M. Lavin in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 63 (1987); *Cracca edwardsii* var. *glabella*.
- gracilis* M. Lavin, *Syst. Coursetia* (Legumin.-Papilionoid.) (Syst. Bot. Monog., 21): 137 (1988)—Ecuador.
- heterantha* (Griseb.) M. Lavin in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 64 (1987); *Tephrosia heterantha*.
- hidalgoana* M. Lavin, *Syst. Coursetia* (Legumin.-Papilionoid.) (Syst. Bot. Monog., 21): 105 (1988)—Mexico.
- hypoleuca* (Speg.) M. Lavin in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 63 (1987); *Chiocendaea hypoleuca*.
- insomniifolia* M. Lavin in *Madroño*, 33(3): 182 (1986)—Mexico.
- intermontana* M. Lavin, *Syst. Coursetia* (Legumin.-Papilionoid.) (Syst. Bot. Monog., 21): 135 (1988)—Colombia.
- maraniona* M. Lavin, *Syst. Coursetia* (Legumin.-Papilionoid.) (Syst. Bot. Monog., 21): 88 (1988)—Peru.
- oaxacensis* M. Sousa S. & V. Rudd in *Syst. Bot.*, 12(1): 108 (1987)—Mexico.
- paniculata* M. Sousa S. & M. Lavin in *Syst. Bot.*, 12(1): 113 (1987)—Mexico.
- paucifoliolata* M. Sousa S. in *Ann. Missouri Bot. Gard.*, 73(4): 734 (1986 publ. 1987)—Nicaragua.
- polyphylla*
- var. acutifolia* M. Sousa S. & M. Lavin in *Syst. Bot.*, 12(1): 111 (1987)—Nicaragua.
- var. breviloba* M. Sousa S. & M. Lavin in *Syst. Bot.*, 12(1): 112 (1987)—Honduras, Guatemala, Nicaragua.
- pumila* (Rose) M. Lavin in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 63 (1987); *Benthalthantra pumila*.
- robinoides* M. Sousa S. & M. Lavin in *Syst. Bot.*, 12(1): 110 (1987)—Mexico.

COURTENIA R. Brown, *Pterocymbium*: 236 (4 June 1844). **STERCULIACEAE**. †

- afzelii* R. Brown, *Pterocymbium*: 236 (4 June 1844)—Tropical Africa. †
- heterophylla* R. Brown, *Pterocymbium*: 236 (4 June 1844)—Nigeria. †
- triloba* R. Brown, *Pterocymbium*: 236 (4 June 1844)—W. Tropical Africa. †

COURTOISIA (Cyperac.).

- assimilis* (Steudel) P. Maquet in *Fl. Rwanda - Spermatophytes*, 4: 630 (1988), isonym but also see *Bull. Jard. Bot. Nation. Belg.*, 58(1-2): 265 (1988); *Cyperus assimilis*.

COURTOISINA (Cyperac.).

- assimilis* (Steudel) P. Maquet in *Bull. Jard. Bot. Nation. Belg.*, 58(1-2): 265 (1988); *Cyperus assimilis*.

COUSINIA (Compos.).

- ser. Alcaicae* O.V. Cherneva in *Bot. Zhurn.*, 73(4): 596 (1988).
- ser. Albertoregelianae* O.V. Cherneva in *Bot. Zhurn.*, 73(4): 595 (1988).

COUSINIA :-

- ser. Antonowianae* O.V. Cherneva in *Bot. Zhurn.*, 73(4): 595 (1988).
- ser. Baranovianae* O.V. Cherneva in *Bot. Zhurn.*, 73(4): 596 (1988).
- ser. Boreales* O.V. Cherneva in *Bot. Zhurn.*, 73(4): 595 (1988).
- ser. Chaetoccephalae* O.V. Cherneva in *Bot. Zhurn.*, 73(4): 594 (1988).
- ser. Congestae* O.V. Cherneva in *Bot. Zhurn.*, 73(4): 596 (1988).
- subsect. Congestiformes* O.V. Cherneva in *Bot. Zhurn.*, 73(4): 595 (1988).
- ser. Coronatae* O.V. Cherneva in *Bot. Zhurn.*, 73(4): 596 (1988).
- ser. Costatae* O.V. Cherneva in *Bot. Zhurn.*, 73(4): 596 (1988).
- subgen. Cynaroides* O.V. Cherneva in *Bot. Zhurn.*, 73(4): 594 (1988).
- ser. Ecoronatae* O.V. Cherneva in *Bot. Zhurn.*, 73(4): 596 (1988).
- ser. Ecostatae* O.V. Cherneva in *Bot. Zhurn.*, 73(4): 596 (1988).
- ser. Eryngioides* O.V. Cherneva in *Bot. Zhurn.*, 73(4): 595 (1988).
- ser. Fraterneliae* O.V. Cherneva in *Bot. Zhurn.*, 73(4): 595 (1988).
- ser. Glandulosae* O.V. Cherneva in *Bot. Zhurn.*, 73(4): 595 (1988).
- subgen. Hypacanthodes* O.V. Cherneva in *Bot. Zhurn.*, 73(4): 594 (1988).
- ser. Hypopoliae* O.V. Cherneva in *Bot. Zhurn.*, 73(4): 594 (1988).
- ser. Komarowianae* O.V. Cherneva in *Bot. Zhurn.*, 73(4): 596 (1988).
- sect. Leicanthos* O.V. Cherneva in *Bot. Zhurn.*, 73(4): 596 (1988).
- ser. Leiospermae* O.V. Cherneva in *Bot. Zhurn.*, 73(4): 597 (1988).
- ser. Leptoccephalae* O.V. Cherneva in *Bot. Zhurn.*, 73(4): 594 (1988).
- ser. Macilentae* O.V. Cherneva in *Bot. Zhurn.*, 73(4): 594 (1988).
- sect. Oligoclados* O.V. Cherneva in *Bot. Zhurn.*, 73(4): 596 (1988).
- ser. Platystegiae* O.V. Cherneva in *Bot. Zhurn.*, 73(4): 595 (1988).
- subsect. Praemontanae* O.V. Cherneva in *Bot. Zhurn.*, 73(4): 595 (1988).
- ser. Pterospermae* O.V. Cherneva in *Bot. Zhurn.*, 73(4): 597 (1988).
- sect. Regelianae* (Juz.) O.V. Cherneva in *Bot. Zhurn.*, 73(4): 596 (1988); C. ser. *Regelianae*.
- ser. Sclerophyllae* O.V. Cherneva in *Bot. Zhurn.*, 73(4): 595 (1988).
- sect. Subappendiculatae* O.V. Cherneva in *Bot. Zhurn.*, 73(4): 597 (1988).
- aralensis* A. Bunge, *Beitr. Fl. Russl.*: 178 (1852)—U.S.S.R. (Middle Asia). †
- baluchistanica* K.H. Rechinger in *Anz. Österr. Akad. Wiss., Mat.-Naturwiss.*, 125: 53 (1988 publ. 1989)—Pakistan.
- gabrieljanica* A.L. Takhtadzhyan & K.G. Tamanyan in *Bot. Zhurn.*, 73(11): 1609 (1988)—U.S.S.R. (Caucasus).
- kovalevskiana* O.V. Cherneva in *Novosti Sist. Vyssh. Rast.*, 26: 162 (1989)—U.S.S.R. (Middle Asia).
- sefidiana* (Pau) K.H. Rechinger in *An. Jard. Bot. Madrid*, 47(2): 365 (1989 publ. 1990); C. *cymbolepis* var. *sefidiana*.
- verticillaris* A. Bunge, *Beitr. Fl. Russl.*: 181 (1852)—U.S.S.R. (Middle Asia). †

COUSSAPOA (Cecropiac.).

- fulvescens* C.C. Berg in *Brittonia*, 42(1): 59 (1990)—Colombia.
- tolimensis* C.C. Berg in *Brittonia*, 42(1): 60 (1990)—Colombia.
- valaria* C.C. Berg in *Brittonia*, 42(1): 62 (1990)—Colombia.

COUSSAREA (Rubiace.).

- evoluta* J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 75(1): 334 (1988)—Venezuela.
- liesneri* J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 76(4): 967 (1989)—Venezuela.

COUTAPORTLA (Rubiace.).

- guatemalensis* (Standley) D.H. Lorence in *Syst. Bot.*, 11(1): 210 (1986); *Portlandia guatemalensis*.
- pailensis* J.A. Villarreal Q. in *Sida*, 12(1): 223 (1987)—Mexico.

COWANIA D. Don ex Tillich & Taylor, *Phil. Mag.*, 64: 374 (Nov. 1824); cf. D.J. Mabberley in *Taxon*, 30(1): 15 (1981). **ROSACEAE**.

CRACCA (Legumin.).

- berenicea* R. McVaugh, *Fl. Novo-Galiciana*, 5: 367 (1987)—Mexico.
- pacifica* M. Sousa S. & M. Lavin in *Brittonia*, 38(3): 302 (1986), nom. nov.: *Balboa diversifolia* Liebm.

CRAIBIODENDRON (Ericac.).

- scleranthum* (Dop) W.S. Judd in *J. Arnold Arbor.*, 67(4): 456 (1986); *Nuihonia sclerantha*.
- var. kwangtungense* (S.Y. Hu) W.S. Judd in *J. Arnold Arbor.*, 67(4): 457 (1986); C. *kwangtungense*.
- vietnamense* W.S. Judd in *J. Arnold Arbor.*, 67(4): 462 (1986)—Vietnam.

CRAMBE (Crucif.).

- glaberrima* (Bornm.) Mouterde ex W. Greuter & Burdet in *Willdenowia*, 15(2): 417 (1986); C. *persica* var. *glaberrima*.
- hedgii* I.I. Khalilov in *Bot. Zhurn.*, 75(8): 1169 (1990)—Afghanistan.

CRANICHIS (Orchidac.).

- amplectens* D.D. Dod in *Moscovia*, 4: 179 (1986)—Hispaniola (Dominican Republic).
- galatea* D.D. Dod in *Moscovia*, 4: 181 (1986)—Hispaniola (Haiti).
- garayana* C.H. Dodson & R. Vásquez Ch. in *Ic. Pl. Trop.*, Ser. 2, 3: t. 210 (1989)—Bolivia.
- pilosissima* K. Senghas in *Orchidee*, 40(2): 47 (1989)—Ecuador.
- ricartii* J.D. Ackerman in *Lindleyana*, 4(1): 43 (1989)—Puerto Rico.

CRASSOCEPHALUM (Compos.).

- ser. crepidioides*
- f. luteum* (Steen.) R.O. Belcher in *Kew Bull.*, 44(3): 540 (1989); C. *crepidioides* var. *luteum*.
- effusum* (Matf.) C. Jeffrey in *Kew Bull.*, 41(4): 907 (1986); *Senecio effusus*.
- heteromorphum* (Hutch. & Burt) C. Jeffrey in *Kew Bull.*, 41(4): 908 (1986); *Senecio heteromorphus*.
- kassnerianum* (Muschler) S. Lisowski in *Bull. Jard. Bot. Nation. Belg.*, 60(1-2): 179 (1990); *Senecio kassnerianus*.
- paludum* C. Jeffrey in *Kew Bull.*, 41(4): 906 (1986)—Uganda, Kenya, Tanzania, Sudan, Rwanda, Burundi, Zaire, Zambia.
- splendens* C. Jeffrey in *Kew Bull.*, 41(4): 905 (1986)—Tanzania.
- torreanum* S. Lisowski in *Bull. Jard. Bot. Nation. Belg.*, 60(1-2): 178 (1990)—Zaire, Angola.

CRASSULA (Crassulac.).

- hunua* A.P. Druce in *New Zealand J. Bot.*, 25(1): 128 (1987), nom. nov.: *Tillaea pusilla* Kirk.
- manaia* A.P. Druce & W.R. Sykes in *New Zealand J. Bot.*, 26(3): 477 (1988)—New Zealand.
- mataikona* A.P. Druce in *New Zealand J. Bot.*, 25(1): 128 (1987), nom. nov.: *Tillaea debilis* Hook. f.
- qaathambensis* B.J. Hargreaves in *Excelsa*, 14: 71 (1989), without latin descr.—Lesotho.
- ruamahanga* A.P. Druce in *New Zealand J. Bot.*, 25(1): 128 (1987), nom. nov.: *Tillaea acutifolia* Kirk.
- tetramera* (Toelken) A.P. Druce & W.R. Sykes in *New Zealand J. Bot.*, 25(1): 128 (1987); C. *sieberiana* subsp. *tetramera*.

CRATAEGUS (Rosac.).

- ser. Lacrimatae* J.B. Phipps in *Taxon*, 37(1): 113 (1988).
- beipiaogensis* S.L. Tung & X.J. Tian in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 99 (1988)—China.
- cuneata*
- var. shangnanensis* L. Mao & T.C. Cui in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(4): 61 (1990)—China.

CRATAEGUS :-

- f. tang-chungchangii* (Metcalf) Y.T. Chang in *Fl. Fujianica*, 2: 317 (1985); *C. tang-chungchangii*.
- curvisepala*
- nothovar. angustiloba* T. Petauer in *Biol. Vestn.*, 28(2): 79 (1980 publ. 1981)—Yugoslavia.
- nothovar. latiloba* T. Petauer in *Biol. Vestn.*, 28(2): 79 (1980 publ. 1981)—Yugoslavia.
- nothovar. naviculiformis* T. Petauer in *Biol. Vestn.*, 28(2): 79 (1980 publ. 1981)—Yugoslavia.
- var. quadriloba* T. Petauer in *Biol. Vestn.*, 28(2): 77 (1980 publ. 1981)—Yugoslavia.
- subsp. zlatnensis* T. Petauer in *Biol. Vestn.*, 28(2): 77 (1980 publ. 1981)—Yugoslavia.
- dodgei*
- var. flavida* (Sarg.) P.G. Smith & J.B. Phipps in *Canad. J. Bot.*, 65(12): 2665 (1987); *C. flavida*.
- glabra* C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 465 (1784)—Japan.†
- kaussmanniana* R. Doll in *Arch. Freunde Naturgesch. Mecklenburg*, 19: 13 (1981)—Germany.
- laevis* C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 465 (1784)—Japan.†
- monogyna*
- subsp. acutiloba* (Kerner) T. Baranec in *Biología, A (Czechoslovakia)*, 38(9): 857 (1983), without basionym page; *C. monogyna* var. *acutiloba*.
- var. plesivecensis* (Hrab.-Uhr.) T. Baranec in *Biología, A (Czechoslovakia)*, 38(9): 861 (1983); *C. monogyna* subsp. *plesivecensis*.
- nivea* Host ex Ten., *Cat. Ort. Bot. Nap.*: 23 (1845); cf. D.J. Mabberley in *Taxon*, 32(1): 84 (1983)—Locality not stated.
- rosiformis*
- nothosubsp. zlatnensis* (Petauer) M. Kerguelen & J. Lambinon in *Lejeunia*, 120: 75 (1987); *C. curvisepala* subsp. *zlatnensis*.
- secreta* J.B. Phipps in *Sida*, 14(1): 15 (1990)—U.S.A. (Texas).
- shandongensis* F.Z. Li & W.D. Peng in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(4): 149 (1986)—China.
- turnerorum* M. Enquist in *Phytologia*, 68(4): 298 (1990)—U.S.A. (Texas).
- villosa* C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 465 (1784)—Japan.†

CRATEROSTIGMA (Scrophulariac.)

- alatum* F.N. Hepper in *Kew Bull.*, 42(4): 945 (1987)—Kenya.
- longicarpum* F.N. Hepper in *Kew Bull.*, 42(4): 945 (1987)—Kenya, Ethiopia, Tanzania.

CREMANTHODIUM (Compos.)

- ser. Glauca* Y. Ling & S.W. Liu in *Fl. Reipubl. Popul. Sin.*, 77(2): 140 (1989), nom. nov.: *C. ser. Heliantha* Ling & S.W. Liu.
- ser. Oblongata* Y. Ling & S.W. Liu in *Fl. Reipubl. Popul. Sin.*, 77(2): 145 (1989), nom. nov.: *C. ser. Pinnatinervus* Ling & S.W. Liu.
- botrycephalum* S.W. Liu in *Fl. Xizangica*, 4: 850 (1985)—Xizang.
- brunneoopilosum* S.W. Liu in *Fl. Xizangica*, 4: 851 (1985), as 'brunneo-pilosum'—Xizang.
- conaense* S.W. Liu in *Fl. Xizangica*, 4: 845 (1985)—Xizang.
- coriaceum* S.W. Liu in *Fl. Reipubl. Popul. Sin.*, 77(2): 165 (1989), nom. nov.: *Senecio scytophyllus* Diels.
- ellisii* (Hook. f.) S.W. Liu in *Fl. Xizangica*, 4: 854 (1985), comb. already publ. see I.K. Supp. 18: *Werneria ellisii*.
- var. roseum* (Hand.-Mazz.) S.W. Liu in *Fl. Reipubl. Popul. Sin.*, 77(2): 162 (1989); *C. plantagineum* f. *roseum*.
- glandulopilosum* Y.L. Chen in *Fl. Xizangica*, 4: 852 (1985)—Xizang.
- heterocephalum* Y.L. Chen in *Acta Phytotax. Sin.*, 26(1): 50 (1988)—China.
- hirtiflorum* S.W. Liu in *Fl. Xizangica*, 4: 850 (1985)—Xizang.
- laciniatum* Ling & Y.L. Chen in *Fl. Xizangica*, 4: 855 (1985)—Xizang.
- lingulatum* S.W. Liu in *Fl. Xizangica*, 4: 849 (1985)—Xizang.
- microphyllum* S.W. Liu in *Fl. Xizangica*, 4: 856 (1985)—Xizang.
- nervosum* S.W. Liu in *Fl. Xizangica*, 4: 847 (1985)—Xizang.

CREMANTHODIUM :-

- obovatum* Ling & S.W. Liu in *Fl. Xizangica*, 4: 852 (1985)—Xizang.
- phyllodineum* S.W. Liu in *Fl. Xizangica*, 4: 844 (1985)—Xizang.
- pinnatisectum* (Ludlow) Y.L. Chen & S.W. Liu in *Fl. Xizangica*, 4: 841 (1985); *C. campanulatum* var. *pinnatisectum*.
- plantagineum*
- var. ramosum* (Ling) Ling & S.W. Liu in *Fl. Xizangica*, 4: 853 (1985); *C. discoideum* subsp. *ramosum*.
- puberulum* S.W. Liu in *Fl. Xizangica*, 4: 848 (1985)—Xizang.
- trilobum* S.W. Liu in *Fl. Xizangica*, 4: 847 (1985)—Xizang.
- yadongense* S.W. Liu in *Fl. Xizangica*, 4: 847 (1985)—Xizang.

CREMASTOSPERMA (Annonac.)

- macrocarpum* P.J.M. Maas in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 89(3): 253 (1986)—Venezuela.
- panamense* P.J.M. Maas in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 89(3): 254 (1986)—Panama.

CREMASTRA (Orchidac.)

- appendiculata*
- var. variabilis* (Blume) I.D. Lund in *Nordic J. Bot.*, 8(2): 201 (1988); *Hyacinthorchis variabilis*.

CREMNOPHYTON S. Brullo & P. Pavone in *Candollea*, 42(2): 622 (1987). **CHENOPODIACEAE**.

- lanfrancoi* S. Brullo & P. Pavone in *Candollea*, 42(2): 622 (1987)—Malta.

×CREMNOSEDIUM M. Kimmach & G. Lyons in *Cact. Succ. J.* (U.S.A.), 53(2): 69 (1981). **CRASSULACEAE**. (Cremnophila × Sedum).**CREMOSPERMA** (Gesneriac.)

- ecuadoranum* L.P. Kvist & L.E. Skog in *Nordic J. Bot.*, 8(3): 261 (1988)—Ecuador.
- filicifolium* L.P. Kvist & L.E. Skog in *Nordic J. Bot.*, 8(3): 255 (1988)—Colombia.
- hirsutissimum*
- var. album* (C. Morton) L.P. Kvist & L.E. Skog in *Nordic J. Bot.*, 8(3): 263 (1988); *C. album*.
- var. demissum* (C. Morton) L.P. Kvist & L.E. Skog in *Nordic J. Bot.*, 8(3): 263 (1988); *C. demissum*.
- var. glabrum* L.P. Kvist & L.E. Skog in *Nordic J. Bot.*, 8(3): 263 (1988)—Ecuador.
- humidum* L.P. Kvist & L.E. Skog in *Nordic J. Bot.*, 8(3): 265 (1988)—Ecuador, Colombia.
- musciola* L.P. Kvist & L.E. Skog in *Nordic J. Bot.*, 8(3): 265 (1988)—Ecuador, Colombia.
- reldoides* L.P. Kvist & L.E. Skog in *Nordic J. Bot.*, 8(3): 267 (1988)—Ecuador.

CREPIDORHOPALON E. Fischer in Feddes *Repert.*, 100(9-10): 443 (1989). **SCROPHULARIACEAE**.

- alatoalycinus* E. Fischer in *Bull. Jard. Bot. Nation. Belg.*, 59(3-4): 454 (1989)—Zaire, Zambia.
- chironioides* (Moore) E. Fischer in Feddes *Repert.*, 100(9-10): 444 (1989); *Craterostigma chironioides*.
- damblonii* (Duvigneaud) E. Fischer in Feddes *Repert.*, 100(9-10): 444 (1989); *Lindernia damblonii*.
- goetzei* (Engler) E. Fischer in Feddes *Repert.*, 100(9-10): 444 (1989); *Craterostigma goetzei*.
- gracilis* (Pilger) E. Fischer in Feddes *Repert.*, 100(9-10): 443 (1989); *Craterostigma gracile*.
- hartii* E. Fischer in *Bull. Jard. Bot. Nation. Belg.*, 59(3-4): 453 (1989)—Zaire.
- insularis* (Skan) E. Fischer in *Bull. Jard. Bot. Nation. Belg.*, 59(3-4): 457 (1989); *Lindernia insularis*.
- involutratius* (Philcox) E. Fischer in Feddes *Repert.*, 100(9-10): 449 (1989), without basionym page; *Torenia involutratia*.
- latibracteatus* (Skan) E. Fischer in Feddes *Repert.*, 100(9-10): 444 (1989); *Craterostigma latibracteatum*.
- malaissei* E. Fischer in *Bull. Jard. Bot. Nation. Belg.*, 59(3-4): 450 (1989)—Zaire.
- manganicolus* E. Fischer in *Bull. Jard. Bot. Nation. Belg.*, 59(3-4): 455 (1989)—Zaire, Angola, Zambia.
- membranocalycinus* E. Fischer in Feddes *Repert.*, 100(9-10): 444 (1989)—Zaire.

CREPIDORHOPALON :-

- schweinfurthii* (Oliver) E. Fischer in Feddes *Repert.*, 100(9-10): 443 (1989), without basionym date; *Torenia schweinfurthii*.
- spicatus* (Engler) E. Fischer in Feddes *Repert.*, 100(9-10): 444 (1989); *Torenia spicata*.
- symoensii* E. Fischer in *Bull. Jard. Bot. Nation. Belg.*, 59(3-4): 451 (1989)—Zaire.
- tenuifolius* (Philcox) E. Fischer in Feddes *Repert.*, 100(9-10): 443 (1989), without basionym page; *Torenia tenuifolia*.
- tenuis* (S. Moore) E. Fischer in *Bull. Jard. Bot. Nation. Belg.*, 59(3-4): 457 (1989); *Lindernia tenuis*.
- welwitschii* (Engler) E. Fischer in Feddes *Repert.*, 100(9-10): 443 (1989); *Craterostigma welwitschii*.
- whytei* (Skan) E. Fischer in Feddes *Repert.*, 100(9-10): 444 (1989); *Lindernia whytei*.

CREPIDOSPERMUM (Burseric.)

- sect. Hemicrepidispermum* (Swart) D.C. Daly in *Brittonia*, 39(1): 55 (1987); gen. *Hemicrepidispermum*.
- cuneifolium* (Cuatrec.) D.C. Daly in *Brittonia*, 39(1): 55 (1987); *Hemicrepidispermum cuneifolium*.
- prancei* D.C. Daly in *Brittonia*, 39(1): 56 (1987)—Brazil, Peru.

CREPIS (Compos.)

- arcuata* G. Kamari & A. Strid in *Willdenowia*, 19(1): 79 (1989)—Greece.
- dachhigamensis* G. Singh in G. Singh & P. Kachroo, *Forest Fl. Srinagar*: 127 (1987)—India.
- dinarica* (Beck) S. Siljak-Yakovlev & T. Wraber in *Acta Bot. Croat.*, 47: 164 (1988); *C. incarnata* var. *dinarica*.
- lachenalii* C.C. Gmel., *Hort. Mag. Duc. Bad. Carlsruh.*: 82 (1811); cf. D.J. Mabberley in *Taxon*, 33(3): 440 (1984)—Locality not stated.
- merxmulleri* G. Kamari & P. Hartvig in *Willdenowia*, 18(1): 63 (1988)—Greece.
- runcinata*
- var. barberi* (Greenm.) B.L. Turner in *Phytologia*, 68(3): 166 (1990); *C. barberi*.
- var. glauca* (Nutt.) S.L. Welsh in *Great Basin Nat.*, 43(2): 258 (1983); *Crepidium glaucum*.
- senecioides*
- subsp. filiformis* (Viv.) S.A. Alavi in *Fl. Libya*, 107: 419 (1983); *C. filiformis*.
- subsp. nudiflora* (Viv.) S.A. Alavi in *Fl. Libya*, 107: 419 (1983); *C. nudiflora*.

CRICIUMA T.R. Soderstrom & X. Londoño in *Amer. J. Bot.*, 74(1): 35 (1987). **GRAMINEAE**.

- asymmetrica* T.R. Soderstrom & X. Londoño in *Amer. J. Bot.*, 74(1): 35 (1987)—Brazil.

CRINUM (Amaryllidac.)

- asiaticum*
- var. pedunculatum* (R. Br.) F.R. Fosberg & M.H. Sacht in *Micronesica*, 20(1-2): 131 (1987); *C. pedunculatum*.
- belleymei* F. Héring, *Horticulteur Français*, 7: 241, t. 19 (1857)—Paraguay.
- biflorum* Rottb., *Pl. Hort. Univ. Rar. Prog.*: 12 (1773); cf. D.J. Mabberley in *Taxon*, 33(3): 439 (1984)—Locality not stated.
- calamistratum* J. Bogner & H. Heine in *Aqua Planta*, 1987(4): 127 (1987)—Cameroun.
- capense* Herb., *Bot. Mag.*, 47: t. 2121 5 (1820); cf. D.J. Mabberley in *Taxon*, 32(1): 87 (1983)—Locality not stated.
- graciliflorum* Kunth & Bouché, *Ind. Sem. Hort. Bot. Berol.*, 1844: 9 (1844); *Linnaea*, 18: 499 (1845); cf. D.J. Mabberley in *Taxon*, 32(1): 84 (1983)—Locality not stated.
- toxicarium* Roxb. ex Hornem., *Hort. Hafn., Suppl.*: 130 (1819); cf. D.J. Mabberley in *Taxon*, 33(3): 437 (1984)—Locality not stated.
- viviparum* (Lam.) R. Ansari & V.J. Nair in *J. Econ. Bot.*, 11(1): 205 (1987 publ. 1988); *Amaryllis vivipara*.
- var. ensifolium* (Baker) R. Ansari & V.J. Nair in *J. Econ. Bot.*, 11(1): 205 (1987 publ. 1988); *C. ensifolium*.
- wooliamsii* L.S. Hannibal in *Herbertia*, 43(1): 14 (1987)—New Guinea (Papua New Guinea)—

CRITESION (Gramin.).

- brachyantherum (Nevski) W.A. Weber in *Phytologia*, 67(6): 425 (1989): *Hordeum brachyantherum*.
 murinum
 subsp. glaucum (Steudel) B.K. Simon in *Austrobaileya*, 2(3): 241 (1986): *Hordeum glaucum*.

CRITONIA (Compos.).

- wilburii R.M. King & H. Robinson in *Phytologia*, 69(2): 87 (1990)—Panama.
 yashanalensis (Whittemore) R.M. King & H. Robinson in *Phytologia*, 69(2): 89 (1990): *Eupatorium yashanalense*.

CRITONIOPSIS (Compos.).

- calerana (Cuatr.) H. Robinson in *Phytologia*, 69(2): 105 (1990): *Vernonia calerana*.
 sodiroi (Hieron.) H. Robinson in *Phytologia*, 69(2): 105 (1990): *Piptocarpha sodiroi*.
 tamana V.M. Badillo in *Ernstia*, 53: 10 (1989)—Venezuela.
 turmalensis V.M. Badillo in *Ernstia*, 53: 12 (1989)—Venezuela.

CROCOSMIA (Iridac.).

- ambongensis (H. Perrier) P. Goldblatt & J.C. Manning in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 12(1): 63 (1990): *Geissorhiza ambongensis*.

CROCUS (Iridac.).

- ligusticus M.G. Mariotti in *Candollea*, 43(2): 674 (1988)—Italy, France.
 rujanensis N. Randlejović & D.A. Hill in *Kew Mag.*, 7(4): 184 (1990)—Yugoslavia.
 serotinus
 subsp. asturicus (Herbert) M. Láziz in *Bol. Inst. Estud. Astur., Ser. C*, 26: 6 (1980): *C. asturicus*.

CROIZATIA (Euphorbiac.).

- panamensis G.L. Webster in *Syst. Bot.*, 12(1): 7 (1987)—Panama, Colombia.

CRONQUISTIANTHUS (Compos.).

- loxensis R.M. King & H. Robinson in *Phytologia*, 65(1): 63 (1988)—Ecuador.

CROSSANDRA (Acanthac.).

- sect. *Dentatae* K. Vollesen in *Kew Bull.*, 45(3): 523 (1990).
 sect. *Lobatae* K. Vollesen in *Kew Bull.*, 45(3): 531 (1990).
 sect. *Marginatae* K. Vollesen in *Kew Bull.*, 45(3): 521 (1990).
 arenicola K. Vollesen in *Kew Bull.*, 45(1): 126 (1990)—Somali Republic.
 horrida K. Vollesen in *Kew Bull.*, 45(1): 128 (1990)—Somali Republic.
 infundibuliformis
 subsp. boranensis K. Vollesen in *Kew Bull.*, 45(1): 125 (1990)—Ethiopia, Kenya.
 subsp. egladulosa K. Vollesen in *Kew Bull.*, 45(1): 125 (1990)—Burundi, Zaïre.
 praecox K. Vollesen in *Kew Bull.*, 45(1): 130 (1990)—Somali Republic.
 pyrophila K. Vollesen in *Kew Bull.*, 45(1): 132 (1990)—Malawi, Mozambique.

CROTALARIA (Legumin.).

- albida
 var. gengmanensis (Z. Wei & C.Y. Yang) C. Chen & J.Q. Li in *J. Wuhan Bot. Res.*, 6(3): 225 (1988): *C. gengmanensis*.
 allophylla M. Thulin in *Nordic J. Bot.*, 8(5): 481 (1989)—Somali Republic.
 avonensis K.R. DeLaney & R.P. Wunderlin in *Sida*, 13(3): 315 (1989)—U.S.A. (Florida).
 chrysantha Ahn & S.H. Park in *J. Korean Pl. Taxon.*, 7(1-2): 23 (1976)—Korea.
 ferruginea
 var. chiayiana (Liu & Lu) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 2: 250 (1987): *C. chiayiana*.
 intricata M. Thulin in *Nordic J. Bot.*, 8(5): 482 (1989)—Somali Republic.

CROTALARIA :-

- linifolia
 var. tecta (Roth) K.K.N. Nair in K.K.N. Nair & M.P. Nayar, *Fl. Courtallum*, 1: 104 (1986): *C. tecta*.
 mairei
 var. pubescens C. Chen & J.Q. Li in *J. Wuhan Bot. Res.*, 6(3): 222 (1988)—China.
 peguana
 var. qiubeiensis (C.Y. Yang) C. Chen & J.Q. Li in *J. Wuhan Bot. Res.*, 6(3): 221 (1988): *C. qiubeiensis*.
 sessiliflora
 var. anthylloides (Lam.) A.A. Ansari & K. Thothathri in *J. Econ. Taxon. Bot.*, 6(3): 745 (1985): *C. anthylloides*.
 f. garhwalensis A.A. Ansari & K. Thothathri in *J. Econ. Taxon. Bot.*, 6(3): 744 (1985)—India.
 f. lineariformis A.A. Ansari & K. Thothathri in *J. Econ. Taxon. Bot.*, 6(3): 745 (1985)—India.
 tenuifolia Roxb. ex Hornem., *Hort. Hafn., Suppl.*: 151 (1819); cf. D.J. Mabberley in *Taxon*, 33(3): 437 (1984)—Locality not stated.
 warfae M. Thulin in *Nordic J. Bot.*, 8(5): 484 (1989)—Somali Republic.
 yunnanensis
 var. heqingensis (C.Y. Yang) C. Chen & J.Q. Li in *J. Wuhan Bot. Res.*, 6(3): 226 (1988): *C. heqingensis*.

CROTON (Euphorbiac.).

- aceroides A. Radcliffe-Smith in *Kew Bull.*, 45(3): 555 (1990)—Mozambique.
 acutum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 863 (1784)—Japan.†
 billbergianus
 subsp. pyramidalis (J.D. Smith) G.L. Webster in *Ann. Missouri Bot. Gard.*, 75(3): 1123 (1988): *C. pyramidalis*.
 bresolinii L.B. Smith & R.J. Downs in *Fl. Illustr. Catar.*, 1(Euforbiac.): 134 (1988)—Brazil.
 casarettianus Vis., *Ort. Bot. Padova*: 73, 137 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 442 (1984)—Locality not stated.
 catharinensis L.B. Smith & R.J. Downs in *Fl. Illustr. Catar.*, 1(Euforbiac.): 105 (1988)—Brazil.
 caudatus
 var. obovoideus N.P. Balakrishnan & T. Chakrabarty in *Bull. Bot. Surv. India*, 25(1-4): 190 (1983 publ. 1985)—India.
 chamelensis E.J. Lott in *Brittonia*, 39(2): 302 (1987)—Mexico.
 damayeshu Y.T. Chang in *Acta Phytotax. Sin.*, 24(2): 143 (1986)—China.
 draco
 subsp. panamensis (Klotzsch) G.L. Webster in *Ann. Missouri Bot. Gard.*, 75(3): 1120 (1988): *Cyclostigma panamense*.
 glandulosus
 var. lundianus (F. Diederichsen) L.B. Smith & R.J. Downs in *Fl. Illustr. Catar.*, 1(Euforbiac.): 90 (1988): *Podostachys lundianus*.
 himalaicus D.G. Long in *Notes Roy. Bot. Gard. Edinburgh*, 44(1): 170 (1986)—India, Nepal, Assam.
 howii Merr. & Chun ex Y.T. Chang in *Acta Phytotax. Sin.*, 27(2): 147 (1989)—Hainan.
 inhambanensis A. Radcliffe-Smith in *Kew Bull.*, 45(3): 559 (1990)—Mozambique.
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 japonicus Linn.f., *Suppl. Plant. Syst. Veg.*: 422 (1782), as 'Japonicum'—Japan.
 landoltii L.Z. Ahumada in *Veröff. Geobot. Inst. Rübél*, 91: 252 (1986)—Argentina.
 leuconeurus
 subsp. mossambicensis A. Radcliffe-Smith in *Kew Bull.*, 45(3): 557 (1990)—Mozambique.
 longipedicellatus
 var. brevipedicellatus A. Radcliffe-Smith in *Kew Bull.*, 45(3): 557 (1990)—Zambia, Angola.
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 olivaceus Y.T. Chang & P.T. Li in *Guihaia*, 8(1): 54 (1988)—Hainan.
 pachypodus G.L. Webster in *Ann. Missouri Bot. Gard.*, 75(3): 1119 (1988)—Panama.

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- pallidulus
 var. myrianthus (Mueller Argoviensis) L.B. Smith & S.F. Smith in *Fl. Illustr. Catar.*, 1(Euforbiac.): 127 (1988): *C. myrianthus*.
 polytrichus
 subsp. brachystachyus A. Radcliffe-Smith in *Kew Bull.*, 45(3): 560 (1990)—Zambia.
 purpurascens Y.T. Chang in *Acta Phytotax. Sin.*, 24(2): 144 (1986)—China.
 robustus
 var. serratus T. Chakrabarty, N.P. Balakrishnan & D. Gupta in *J. Econ. Taxon. Bot.*, 9(2): 251 (1987)—Burma.
 santaritensis M.J. Huft in *Ann. Missouri Bot. Gard.*, 75(3): 1123 (1988)—Panama.
 socotranus
 var. pachyclados (A.R. Smith) A. Radcliffe-Smith in *Kew Bull.*, 44(3): 449 (1989): *C. pachyclados*.
 speciosus
 subsp. tacarcunensis G.L. Webster in *Ann. Missouri Bot. Gard.*, 75(3): 1119 (1988)—Panama.
 yanhuii Y.T. Chang in *Acta Phytotax. Sin.*, 24(2): 146 (1986)—China.
 yunnanensis
 var. megadontus W.T. Wang in *Acta Bot. Yunnanica*, 10(1): 39 (1988)—China.
 zavaletae Conzatti ex J. Rzedowski et al. in *C. Conzatti, Fl. Taxon. Mexic., ed. 3*, 1: 846 (1988)—Mexico.

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- arabica E. Schönbeck-Temesy & F. Ehrendorfer in *Notes Roy. Bot. Gard. Edinburgh*, 44(1): 143 (1986)—Saudi Arabia.
 gilanica
 subsp. carduchorum F. Ehrendorfer & E. Schönbeck-Temesy in *Pl. Syst. Evol.*, 165(1-2): 122 (1989)—Turkey, Iraq, Iran.
 subsp. damghanensis F. Ehrendorfer & E. Schönbeck-Temesy in *Pl. Syst. Evol.*, 165(1-2): 116 (1989)—Iran.
 subsp. demavendensis F. Ehrendorfer & E. Schönbeck-Temesy in *Pl. Syst. Evol.*, 165(1-2): 109 (1989)—Iran.
 subsp. elbursensis (Ehrend.) F. Ehrendorfer & E. Schönbeck-Temesy in *Pl. Syst. Evol.*, 165(1-2): 115 (1989): *C. glauca* subsp. *elbursensis*.
 subsp. hirsuta (Ehrend.) F. Ehrendorfer & E. Schönbeck-Temesy in *Pl. Syst. Evol.*, 165(1-2): 114 (1989): *C. glauca* var. *hirsuta*.
 subsp. nezvensis F. Ehrendorfer & E. Schönbeck-Temesy in *Pl. Syst. Evol.*, 165(1-2): 110 (1989)—Iran.
 subsp. suleimanica F. Ehrendorfer & E. Schönbeck-Temesy in *Pl. Syst. Evol.*, 165(1-2): 111 (1989)—Iran.
 subsp. transcaspica (Ehrend.) F. Ehrendorfer & E. Schönbeck-Temesy in *Pl. Syst. Evol.*, 165(1-2): 125 (1989): *C. glauca* subsp. *transcaspica*.
 platyphylla F. Ehrendorfer & E. Schönbeck-Temesy in *Pl. Syst. Evol.*, 165(1-2): 104 (1989)—Iran.

CRUCIATA (Rubiace.).

- glabra
 f. hirticaulis (Beck) M. Anchev in *Fl. Nar. Republ. Bulgariya*, 9: 99 (1989): *Galium vernum* var. *hirticaule*.

CRUPINA (Compos.).

- crupinastrum
 var. matae (P. Palau) Font Quer ex O. de Bolos & J. Vigo in *Collect. Bot.*, 17(1): 93 (1987 publ. 1988): *C. matae*.

CRYPTANTHA (Boraginac.).

- cinerea
 var. arenicola L.C. Higgins & S.L. Welsh in *Great Basin Nat.*, 46(2): 255 (1986)—U.S.A. (Utah).
 var. laxa (Macbr.) L.C. Higgins in *Great Basin Nat.*, 46(2): 255 (1986): *Oreocarya multicaulis* var. *laxa*.
 schoolcraftii A. Tiehm in *Brittonia*, 38(2): 104 (1986)—U.S.A. (Nevada).

CRYPTANTHUS (Bromeliac.).

- colnagoi W. Rauh & E.M.C. Leme in *J. Bromeliad Soc.*, 39(6): 258 (1989)—Brazil.
 leopoldo-horstii W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 65: 68 (1988)—Brazil.
 seidelianus W. Weber in *Feddes Repert.*, 97(3-4): 119 (1986)—Brazil.

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- albifrons A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 455 (1988)—New Guinea (Papua New Guinea).
 bamagana B.P.M. Hyland in *Austral. Syst. Bot.*, 2(2-3): 171 (1989)—Australia (Queensland).
 beilschmiediaefolia A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 455 (1988)—Philippine Is.
 bellendenkerana B.P.M. Hyland in *Austral. Syst. Bot.*, 2(2-3): 172 (1989)—Australia (Queensland).
 calandoi A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 456 (1988)—Celebes.
 ceramica A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 457 (1988)—Moluccas.
 clarksoniana B.P.M. Hyland in *Austral. Syst. Bot.*, 2(2-3): 175 (1989)—Australia (Queensland).
 claudiana B.P.M. Hyland in *Austral. Syst. Bot.*, 2(2-3): 176 (1989)—Australia (Queensland).
 cocosoides B.P.M. Hyland in *Austral. Syst. Bot.*, 2(2-3): 177 (1989)—Australia (Queensland).
 crassinerviopsis A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 457 (1988)—Celebes.
 darusensis A.J.G.H. Kostermans in *Bot. Helvetica*, 100(1): 33 (1990)—New Guinea (Papua New Guinea).
 dipterocarpiifolia A.J.G.H. Kostermans in *Bot. Helvetica*, 100(1): 34 (1990)—New Guinea (Papua New Guinea).
 dorrigensis D. Frodin ex B.P.M. Hyland & Floyd in *Austral. Syst. Bot.*, 2(2-3): 181 (1989)—Australia (New South Wales).
 durifolia A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 458 (1988), nom. nov.: C. percoriacea Kostermans.
 elongata A.J.G.H. Kostermans in *Bot. Helvetica*, 100(1): 34 (1990)—New Guinea (Papua New Guinea, W. Irian).
 flavisperma A.J.G.H. Kostermans in *Bot. Helvetica*, 100(1): 35 (1990)—New Guinea (Papua New Guinea).
 gigaphylla A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 458 (1988), with two types cited—Moluccas.
 glaucocarpa B.P.M. Hyland in *Austral. Syst. Bot.*, 2(2-3): 188 (1989)—Australia (Queensland).
 grandis B.P.M. Hyland in *Austral. Syst. Bot.*, 2(2-3): 188 (1989)—Australia (Queensland).
 lancifolia A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 459 (1988)—Celebes.
 leucophylla B.P.M. Hyland in *Austral. Syst. Bot.*, 2(2-3): 192 (1989)—Australia (Queensland).
 lividula B.P.M. Hyland in *Austral. Syst. Bot.*, 2(2-3): 193 (1989)—Australia (Queensland).
 lyoniifolia S. Lee & F.N. Wei in *Guhaiia*, 8(4): 303 (1988)—China.
 macdonaldii B.P.M. Hyland in *Austral. Syst. Bot.*, 2(2-3): 193 (1989)—Australia (Queensland).
 melanocarpa B.P.M. Hyland in *Austral. Syst. Bot.*, 2(2-3): 196 (1989)—Australia (Queensland).
 natalensis (Ross) A.J.G.H. Kostermans in *Bot. Helvetica*, 100(1): 36 (1990): Beilschmiedia natalensis.
 nova-anglica B.P.M. Hyland & Floyd in *Austral. Syst. Bot.*, 2(2-3): 198 (1989)—Australia (New South Wales).
 onoprienkoana B.P.M. Hyland in *Austral. Syst. Bot.*, 2(2-3): 201 (1989)—Australia (Queensland).
 parinarifolia A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 459 (1988)—New Guinea (Papua New Guinea).
 putida B.P.M. Hyland in *Austral. Syst. Bot.*, 2(2-3): 203 (1989)—Australia (Queensland).
 rhodosperma B.P.M. Hyland in *Austral. Syst. Bot.*, 2(2-3): 204 (1989)—Australia (Queensland).
 saccharata B.P.M. Hyland in *Austral. Syst. Bot.*, 2(2-3): 206 (1989)—Australia (Queensland).
 sclerophylla B.P.M. Hyland in *Austral. Syst. Bot.*, 2(2-3): 207 (1989)—Australia (Queensland).
 smaragdina B.P.M. Hyland in *Austral. Syst. Bot.*, 2(2-3): 208 (1989)—Australia (Queensland).

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- triplinervis
 var. pubens B.P.M. Hyland in *Austral. Syst. Bot.*, 2(2-3): 210 (1989)—Australia (Queensland, New South Wales).
 var. riparia B.P.M. Hyland in *Austral. Syst. Bot.*, 2(2-3): 211 (1989)—Australia (Queensland).
 vulgaris B.P.M. Hyland in *Austral. Syst. Bot.*, 2(2-3): 212 (1989)—Australia (Queensland).
 williwiliana B.P.M. Hyland & Floyd in *Austral. Syst. Bot.*, 2(2-3): 213 (1989)—Australia (New South Wales).

CRYPTODISCUS (Umbellif.).

- ammophilus A. Bunge, *Beitr. Fl. Russl.*: 139 (1852)—U. S. S. R. (Middle Asia).
 rutaefolius A. Bunge, *Beitr. Fl. Russl.*: 138 (1852)—U. S. S. R. (Middle Asia).
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CRYPTOLEPIS (Asclepiadac.).

- grayi P.I. Forster in *Austrobaileya*, 3(2): 279 (1990)—Australia (Queensland).
 newii (Benth.) P.I. Forster in *Austrobaileya*, 3(2): 281 (1990): Gymnolaema newii.
 nymanii (Schumann) P.I. Forster in *Austrobaileya*, 3(2): 275 (1990): Streptomanes nymanii.
 papillata P.I. Forster in *Austrobaileya*, 3(2): 277 (1990)—New Guinea (Papua New Guinea).
 pendulina (Venter & D.V. Field) P.I. Forster in *Austrobaileya*, 3(2): 280 (1990): Stomatostemma pendulina.
 purpureus (N.E. Br.) P.I. Forster in *Austrobaileya*, 3(2): 281 (1990): Batesanthus purpureus.

CRYPTOMERIA (Taxodiac.).

- japonica
 subsp. sinensis (Miq.) P.D. Sell in *Watsonia*, 18(1): 92 (1990): C. japonica var. sinensis.

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- dissectus (Bossler) K. Senghas in *Schlechter Orchideen*, 1(16-18): 1019 (1986): C. elatus subsp. dissectus.

CRYPTOSTYLIS (Orchidac.).

- arachnites
 var. taiwaniana (Masamune) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 3: 622 (1988): C. taiwaniana.

CRYPTOTAENIA (Umbellif.).

- japonica
 f. pinnatisecta S.L. Liou in *Acta Phytotax. Sin.*, 28(2): 152 (1990)—China.

CTENANTHE (Marantac.).

- amabilis (Morren) H. Kennedy & D.H. Nicolson in *Brittonia*, 39(1): 139 (1987): Stromanthe amabilis.
 amphianthina L. Andersson in *Fl. Ecuador*, 32(224): 179 (1988)—Ecuador, Peru.
 ericae L. Andersson in *Fl. Ecuador*, 32(224): 182 (1988)—Colombia, Ecuador.

CTENARDISIA (Myrsinac.).

- stenobotrys (Standley) R. Fonnegra-G. & S.L. Jung-Mendoza in *Hoehnea*, 12: 31 (1985): Ardisia stenobotrys.

CUATRECASANTHUS H. Robinson in *Rev. Acad. Colomb. Cienc. Exact. Fis. Nat.*, 65: 209 (1989). **COMPOSITAE.**

- flexipappus (Gleason) H. Robinson in *Rev. Acad. Colomb. Cienc. Exact. Fis. Nat.*, 65: 210 (1989): Vernonia flexipappa.
 jelskii (Hieron.) H. Robinson in *Rev. Acad. Colomb. Cienc. Exact. Fis. Nat.*, 65: 210 (1989): Eremanthus jelskii.
 sandemanii (H. Robinson) H. Robinson in *Rev. Acad. Colomb. Cienc. Exact. Fis. Nat.*, 65: 210 (1989): Vernonia sandemanii.

CUATRECASASIELLA H. Robinson in *Fl. Neotrop.*, 2 Suppl.: 14 (1985). **COMPOSITAE.**

- argentina (Cabrera) H. Robinson in *Fl. Neotrop.*, 2 Suppl.: 15 (1985): Luciliopsis argentina.
 isernii (Cuatrecasas) H. Robinson in *Fl. Neotrop.*, 2 Suppl.: 15 (1985): Luciliopsis isernii.

CUATRESIA (Solanac.).

- colombiana A.T. Hunziker in *Op. Bot.*, 92: 79 (1987)—Colombia.
 exiguiflora (D'Arcy) A.T. Hunziker in *Op. Bot.*, 92: 75 (1987): Witheringia exiguiflora.
 foreroi A.T. Hunziker in *Caldasia*, 15(71-75): 146 (1986)—Colombia.
 fosteriana A.T. Hunziker in *Op. Bot.*, 92: 80 (1987)—Peru.
 garciae A.T. Hunziker in *Op. Bot.*, 92: 76 (1987)—Colombia.
 harlingiana A.T. Hunziker in *Op. Bot.*, 92: 75 (1987)—Ecuador.
 riparia
 var. cuspidata (Dunal) A.T. Hunziker in *Op. Bot.*, 92: 78 (1987): Sicklela cuspidata.
 trianae A.T. Hunziker in *Caldasia*, 15(71-75): 143 (1986)—Colombia.

CUCUMELLA (Cucurbitac.).

- silentvalleyi K.S. Manilal, T. Sabu & P. Mathew in *Acta Bot. Indica*, 13(2): 283 (1985), as 'silentvalleyi'—India.

CUCUMIS (Cucurbitac.).

- anguria
 subsp. longipes (J.D. Hook.) I. Grebenščikov in *R. Mansfeld, Verz. Landwirtschaft. u. Gartn. Kulturpfl., Auf. 2, ed. J. Schultze-Motel*, 2: 916 (1986): C. longipes.
 conomon C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 869 (1784)—Japan.
 erinaceus Naud. ex Huber, *Cat. Print. 1864*: 6 (1864); cf. D.J. Mabberley in *Taxon*, 34(3): 452 (1985)—Locality not stated.
 myriocarpus
 subsp. leptodermis (Schweick.) L.W.D. van Raamsdonk in *Pl. Syst. Evol.*, 163(3-4): 144 (1989): C. leptodermis.

CUCURBITA (Cucurbitac.).

- argyrosperma Huber, *Cat. Graemes 1867*: 8 (1867); *Wochenschrift*, 10: 95 (1867); cf. D.J. Mabberley in *Taxon*, 34(3): 452 (1985)—Locality not stated.
 var. callicarpa L.C. Merrick & D.M. Bates in *Baileya*, 23(2): 97 (1989)—Cultivation.
 var. palmeri (L.H. Bailey) L.C. Merrick & D.M. Bates in *Baileya*, 23(2): 98 (1989): C. palmeri.
 subsp. sororia (L.H. Bailey) L.C. Merrick & D.M. Bates in *Baileya*, 23(2): 98 (1989): C. sororia.
 var. stenosperma (Pangalo) L.C. Merrick & D.M. Bates in *Baileya*, 23(2): 96 (1989): C. mixta var. stenosperma.
 hispida C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 868 (1784)—Japan.
 pepo
 subsp. ovifera (L.) D.S. Decker in *Econ. Bot.*, 42(1): 11 (1988): C. ovifera.
 var. texana (Scheele) D.S. Decker in *Econ. Bot.*, 42(1): 12 (1988): Tristemon texanum.

CUDICIA (Apocynac.).

- gyandra Buch.-Ham. ex L.W. Dillwyn, *Rev. Hortus Malab.*: 41 (1839)—India.
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CULCASIA (Arac.).

- orientalis S.J. Mayo in *Fl. Trop. E. Afr.*, *Arac.*: 20 (1985)—Tanzania, Kenya.

CULLEN (Legumin.).

- badocanum (Blanco) B. Verdcourt in *Kew Bull.*, 43(2): 360 (1988): Liparia badocana.

CUMINIA (Labiata.).

- eriantha
 var. fernandezia (Colla) R. Harley in *Kew Mag.*, 3(4): 155 (1986): C. fernandezia.

CUNILA (Labiata.).

- ramamoorthiana M.R. Garcia-Peña in *Kew Bull.*, 44(4): 727 (1989)—Mexico.

CUPANIOPSIS (Sapindac.).

- dallachyi S.T. Reynolds in *Fl. Australia*, 25: 199, 58 (1985)—Australia (Queensland).
 grandiflora F. Adema in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 10(3): 263 (1988 publ. 1989)—New Caledonia.

CUPANIOPSIS :-

- mackeeani F. Adema in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 10(3): 269 (1988 publ. 1989)—New Caledonia.
 mouana A. Guillaumin in *Mém. Mus. Nation. Hist. Nat. Nouv. Sér., B (Paris)*, 15(2): 109 (1967)—New Caledonia.
 phalacrocarpa F. Adema in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 10(3): 266 (1988 publ. 1989)—New Caledonia.
 squamosa F. Adema in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 10(3): 264 (1988 publ. 1989)—New Caledonia.

CUPHEA (Lythrac.).

- subgen. Bracteolatae S.A. Graham, *Revis. Cuphea sect. Heterodon (Lythrac.) (Syst. Bot. Monog., 20)*: 42 (1988), nom. nov.: C. subgen. Eucuphea Koehne.
 andersonii S.A. Graham in *Brittonia*, 42(1): 16 (1990)—Brazil.
 bolivariensis A. Lourteig in *Phytologia*, 60(1): 30 (1986)—Venezuela.
 caesariata S.A. Graham, *Revis. Cuphea sect. Heterodon (Lythrac.) (Syst. Bot. Monog., 20)*: 51 (1988)—Mexico.
 carajasensis A. Lourteig in *Sellowia*, 39: 13 (1987)—Brazil.
 curiosa A. Lourteig in *Phytologia*, 60(1): 38 (1986)—Venezuela.
 cylindracea S.A. Graham in *Brittonia*, 42(1): 20 (1990)—Brazil.
 ericoides
 var. paralarix A. Lourteig in *Sellowia*, 39: 42 (1987)—Brazil.
 ferrisiae
 var. rosea S.A. Graham, *Revis. Cuphea sect. Heterodon (Lythrac.) (Syst. Bot. Monog., 20)*: 63 (1988)—Mexico.
 humifusa S.A. Graham, *Revis. Cuphea sect. Heterodon (Lythrac.) (Syst. Bot. Monog., 20)*: 68 (1988)—Mexico.
 killipii A. Lourteig in *Phytologia*, 60(1): 24 (1986)—Colombia.
 lobophora
 var. elongata S.A. Graham, *Revis. Cuphea Sect. Heterodon (Lythrac.) (Syst. Bot. Monog., 20)*: 104 (1988)—Mexico.
 var. occidentalis S.A. Graham, *Revis. Cuphea sect. Heterodon (Lythrac.) (Syst. Bot. Monog., 20)*: 105 (1988)—Mexico.
 micrantha
 var. longeciliata A. Lourteig in *Sellowia*, 39: 9 (1987)—Brazil.
 pohlii A. Lourteig in *Sellowia*, 39: 19 (1987)—Brazil.
 radiaticaulis A. Lourteig in *Sellowia*, 39: 12 (1987)—Brazil.
 cardonae A. Lourteig in *Phytologia*, 60(1): 42 (1986), nom. nov.: C. rhodocalyx var. setosa Lourteig.
 rionegrensis A. Lourteig in *Sellowia*, 39: 38 (1987)—Brazil.
 rubrovirens T.B. Cavalcanti in *Bol. Bot. (São Paulo)*, 11: 71 (1989), as 'rubro-virens'—Brazil.
 sabulosa S.A. Graham in *Brittonia*, 42(1): 28 (1990)—Brazil.
 scolnikiae A. Lourteig in *Phytologia*, 60(1): 52 (1986)—Bolivia, Brazil.
 sessilifolia
 subsp. bahiensis A. Lourteig in *Sellowia*, 39: 34 (1987)—Brazil.
 splendida A. Lourteig in *Sellowia*, 39: 43 (1987)—Bolivia.
 spraguei A. Lourteig in *Mutisia*, 70: 19 (1988)—Panama.
 teleandra A. Lourteig in *Sellowia*, 39: 45 (1987)—Brazil.
 wrightii
 var. alba S.A. Graham, *Revis. Cuphea sect. Heterodon (Lythrac.) (Syst. Bot. Monog., 20)*: 150 (1988)—Mexico.
 var. meionandra (Koehne) S.A. Graham, *Revis. Cuphea sect. Heterodon (Lythrac.) (Syst. Bot. Monog., 20)*: 151 (1988); C. meionandra.
 var. venusta (Koehne) S.A. Graham, *Revis. Cuphea sect. Heterodon (Lythrac.) (Syst. Bot. Monog., 20)*: 151 (1988); C. venusta.

CUPRESSUS (Cupressac.).

- arizonica
 subsp. stephensonii (C.B. Wolf) R.M. Beauchamp in *Phytologia*, 59(7): 438 (1986); C. stephensonii.
 austrotibetica J. Silba in *Phytologia*, 65(5): 334 (1988), as 'austro-tibetica'—Xizang.
 chengiana
 var. jiangensis (N. Chao) C.T. Kuan in *Fl. Sichuanica*, 2: 167 (1983); C. jiangensis.
 himalaica J. Silba in *Phytologia*, 64(1): 80 (1987)—Bhutan.
 var. darjeelingensis J. Silba in *Phytologia*, 68(1): 29 (1990)—Cultivation.
 lusitanica
 var. hondurensis J. Silba in *Phytologia*, 68(1): 30 (1990)—Honduras.
 madeirensis T.E. Bowdich, *Exc. Madeira*: 118 (1825); cf. D.J. Mabberley in *Bot. Macaronesica*, 6: 59 (1980)—Madeira.
 pendula C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 861 (1784)—Japan. †

CURCAS (Euphorbiac.).

- adansonii Endl., *Cat. Horti Vindob.*, 2: 394 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 435 (1984)—Locality not stated.
 drastica Mart. in *Schrank & Mart., Hort. Reg. Monac.*: 50 (1829); cf. D.J. Mabberley in *Taxon*, 33(3): 442 (1984)—Locality not stated.

CURCUMA (Zingiberac.).

- albicomis S.Q. Tong in *Acta Bot. Yunnanica*, 8(1): 38 (1986)—China.
 kannanorensis R. Ansari, V.J. Nair & N.C. Nair in *Curr. Sci.*, 51(6): 293 (1982)—India.
 kannanorensis
 var. lutea R. Ansari, V.J. Nair & N.C. Nair in *Curr. Sci.*, 51(6): 293 (1982)—India.
 coriacea J.K. Mangaly & M. Sabu in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 429 (1988 publ. 1989)—India.
 exigua N. Liu in *Guihaia*, 7(1): 15 (1987)—Cultivated in China.
 flaviflora S.Q. Tong in *Acta Bot. Yunnanica*, 8(1): 37 (1986)—China.
 oligantha
 var. lutea (R. Ansari, V.J. Nair & N.C. Nair) K.G. Bhat in *Indian J. Forest.*, 10(1): 68 (1987); C. kannanorensis var. lutea.
 peethapushpa N. Sasidharan & V.V. Sivarajan in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 425 (1988 publ. 1989)—India.
 raktakanta J.K. Mangaly & M. Sabu in *J. Econ. Taxon. Bot.*, 12(2): 475 (1988 publ. 1989)—India.
 vamana Sabu M. & J.K. Mangaly in *J. Econ. Taxon. Bot.*, 10(2): 307 (1987 publ. 1988)—India.
 yunnanensis N. Liu & S.J. Chen in *Guihaia*, 7(1): 16 (1987)—Cultivated in China.

CURTIA (Gentianac.).

- confusa E.H.M. Grothe & P.J.M. Maas in *Proc. Kon. Nederl. Akad. Wetensch., C*, 87(1): 42 (1984)—Brazil.
 tenuifolia
 subsp. tenella (Martius) E.H.M. Grothe & P.J.M. Maas in *Proc. Kon. Nederl. Akad. Wetensch., C*, 87(1): 40 (1984); Schuebleria tenella.

CUSCUTA (Convolvulac.).

- capitata
 var. varzobica S.Yu. Yunusov in *Fl. Tadzhikskoi SSR*, 7: 525 (1984)—U.S.S.R. (Middle Asia).
 epithimum
 subsp. araratica (Butk.) R.V. Kamelin in *Fl. Armenii*, 7: 179 (1980); C. araratica.
 lehmanniana A. Bunge, *Beitr. Fl. Russl.*: 220 (1852)—U.S.S.R. (Middle Asia). †
 macrolepis R.C. Fang & S.H. Huang in *Fl. Xizangica*, 4: 33 (1985)—Xizang.
 pentagona
 var. glabrior (Engelm.) K.N. Gandhi, R.D. Thomas & S.L. Haich in *Sida*, 12(2): 372 (1987); C. verrucosa var. glabrior.
 planiflora
 subsp. godronii (Desmoulins) M. Kerguelen in *Lejeunia*, 120: 75 (1987); C. godronii.
 ruschanica S.Yu. Yunusov in *Fl. Tadzhikskoi SSR*, 7: 524, 356 (1984)—U.S.S.R. (Middle Asia).

CUSCUTA :-

- scandens
 var. bidentis (Berthot) M. Kerguelen in *Lejeunia*, 120: 76 (1987); C. bidentis.
 violacea M.T.M. Rajput & S.T. Syeda in *Pakistan J. Bot.*, 18(1): 115 (1986), as 'violaceus'—Pakistan.

CUSICKIELLA R.C. Rollins in *J. Jap. Bot.*, 63(3): 68 (1988). **CRUCIFERAE**.

- douglasii (Gray) R.C. Rollins in *J. Jap. Bot.*, 63(3): 69 (1988); Draba douglasii.
 quadricostata (Rollins) R.C. Rollins in *J. Jap. Bot.*, 63(3): 69 (1988); Draba quadricostata.

CUSSONIA (Araliac.).

- paniculata
 var. sinuata W.F. Reyneke & P.D.F. Kok in *S. Afr. J. Bot.*, 53(5): 321 (1987)—South Africa (Transvaal, Orange Free State, Natal, Cape Province), Botswana, Swaziland, Lesotho.

CUTANDIA (Gramin.).

- incrassata (Salzm. ex Loisel.) Battandier & Trabut, *Fl. Algérie, Monocotylédones*: 238 (1895); Festuca incrassata.

CUVIERA (Rubiace.).

- subgen. Globulostylis (Wernham) B. Verdcourt in *Kew Bull.*, 42(1): 189 (1987); gen. Globulostylis.
 minor (Wernham) B. Verdcourt in *Kew Bull.*, 42(1): 189 (1987); Globulostylis minor.
 talbotii (Wernham) B. Verdcourt in *Kew Bull.*, 42(1): 189 (1987); Globulostylis talbotii.

CYANEA (Campanulac.).

- copelandii
 subsp. haleakalaensis (H. St. John) T.G. Lammers in *Syst. Bot.*, 13(4): 501 (1988); C. haleakalaensis.
 elliptica (Rock) T.G. Lammers in *Syst. Bot.*, 13(4): 501 (1988); C. angustifolia f. elliptica.
 fissa
 subsp. gayana (Rock) T.G. Lammers in *Syst. Bot.*, 13(4): 502 (1988); C. gayana.
 grimesiana
 subsp. cylindrocalyx (Rock) T.G. Lammers in *Syst. Bot.*, 13(4): 502 (1988); C. grimesiana var. cylindrocalyx.
 subsp. obatae (H. St. John) T.G. Lammers in *Syst. Bot.*, 13(4): 502 (1988); C. grimesiana var. obatae.
 hamatiflora
 subsp. carlsonii (Rock) T.G. Lammers in *Syst. Bot.*, 13(4): 502 (1988); C. carlsonii.
 hanaensis H. St. John in *Phytologia*, 62(5): 433 (1987)—Hawaiian Is.
 macrostegia
 subsp. gibsonii (Hillebrand) T.G. Lammers in *Syst. Bot.*, 13(4): 503 (1988); C. gibsonii.
 pilosa
 subsp. longipedunculata (Rock) T.G. Lammers in *Syst. Bot.*, 13(4): 503 (1988); C. longipedunculata.
 pohaku T.G. Lammers in *Syst. Bot.*, 13(4): 503 (1988), nom. nov.: Clermontia haleakalaensis Rock.
 spathulata
 subsp. longipetiolata T.G. Lammers in *Syst. Bot.*, 13(4): 504 (1988)—Hawaiian Is.
 superba
 subsp. regina (Waura) T.G. Lammers in *Syst. Bot.*, 13(4): 504 (1988); Delissea regina.
- CYANOTIS** (Commelinac.).
 axillaris D. Don ex Sweet, *Hort. Brit.*: 430 (1827); cf. D.J. Mabberley in *Taxon*, 31(1): 70 (1982)—Locality not stated.

CYANTHILLIUM (Compos.).

- cordifolium (Benth. ex Oliv.) H. Robinson in *Phytologia*, 69(2): 106 (1990); Gutenbergia cordifolia.
 polytrichomata (Wechuysen) H. Robinson in *Phytologia*, 69(2): 106 (1990), as 'polytrichotoma'; Gutenbergia polytrichomata.

CYMOPTERUS :-

terebinthinus

var. petraeus (Jones) S. Goodrich in *Great Basin Nat.*, 46(1): 87 (1986): C. petraeus.

×**CYMPHIELLA** hort. in *Orchid Rev.*, 96(1132): centre page pull-out p. 8 (1988). **ORCHIDACEAE**. (Cymbidium × Eulophiella).

CYNANCHUM (Asclepiadac.).*acerifolium* (Lasser & Maguire) G. Morillo in *Mem. Soc. Cienc. Nat. La Salle*, 37(107): 119 (1977): Ditassa acerifolia.

amplexicaule

f. multicaurium (Chung) W.T. Lee in *J. Korean Pl. Taxon.*, 12(2): 85 (1982): C. multicaurium.*angustifolium* (Dcne.) G. Morillo in *Ernstia*, 37: 3 (1986): Ditassa angustifolia.*avilense* G. Morillo in *Mem. Soc. Cienc. Nat. La Salle*, 37(107): 119 (1977), nom. nov.: C. mucronatum HBK.*barbadense* (Schlechter) R.A. Howard in *Phytologia*, 65(4): 285 (1988): Metastelma barbadense.*batangense* P.T. Li in *Acta Bot. Yunnanica*, 12(1): 19 (1990)—China.*boldinghii* (Schlecht.) Van der Aa & A.L. Stoffers in *Proc. Kon. Nederl. Akad. Wetensch., C*, 84(3): 309 (1981): Metastelma boldinghii.*brachystelmoides* P.I. Forster in *Austrobaileya*, 2(5): 451 (1988)—Australia (Queensland, N. Terr.), New Guinea (Papua New Guinea).*buntingii* G. Morillo in *Ernstia*, 51: 2 (1989)—Venezuela.*calicola* Alain H. Liogier in *Phytologia*, 64(5): 345 (1988), as 'calicolum'—Hispaniola (Haiti).*californicum* (Benth.) R. Moran in *Levin & Moran, Vasc. Fl. Isla Socorro, Mexico* (Mem. San Diego Soc. Nat. Hist. 16): 26 (1989): Metastelma californicum.*carautanum* (Font. & Schw.) G. Morillo in *Ernstia*, 51: 3 (1989): Telminostelma carautanum.*christineae* P.I. Forster in *Austrobaileya*, 3(1): 112 (1989)—Australia (N. Terr.).*coellae* G. Morillo in *Ernstia*, 37: 3 (1986)—Venezuela.*densiflorum* W.D. Stevens in *Phytologia*, 64(5): 333 (1988), nom. nov.: Orthosia ecuadorensis Schlechter.*franciscoi* G. Morillo in *Ernstia*, 51: 3 (1989)—Venezuela, Colombia.*goertsianum* G. Morillo in *Proc. Kon. Nederl. Akad. Wetensch., C*, 91(2): 161 (1988), as 'görtsianum'—French Guiana.*ganchezii* G. Morillo in *Ernstia*, 37: 5 (1986)—Venezuela.*jenmanii* G. Morillo in *An. Jard. Bot. Madrid*, 47(2): 350 (1989 publ. 1990)—Guyana.*julianii* G. Morillo in *Ernstia*, 37: 7 (1986)—Venezuela.*liebiana* (F. Muell.) P.I. Forster in *Austrobaileya*, 3(1): 110 (1989): Tylophora liebiana.*linearisepalum* P.T. Li in *Acta Bot. Yunnanica*, 12(1): 20 (1990)—China.*longirostrum* (K. Schumann) W.D. Stevens in *Phytologia*, 64(5): 333 (1988): Diplolepis longirostrum.

maccartii

var. latifolium Turner ex J. Henrickson in *Sida*, 12(1): 98 (1987)—Mexico.*martinicense* (Schlechter) R.A. Howard in *Phytologia*, 65(4): 285 (1988): Metastelma martinicense.*multinervium* G. Morillo in *Ernstia*, 37: 9 (1986)—Venezuela.*neei* G. Morillo in *Ernstia*, 51: 5 (1989)—Venezuela.*oxyphyllum* (Turcz.) G. Morillo in *Mem. Soc. Cienc. Nat. La Salle*, 37(107): 119 (1977): Ditassa oxyphylla.*prevostii* G. Morillo in *Ernstia*, 51: 5 (1989)—French Guiana.*pringlei* (Gray) J. Henrickson in *Sida*, 12(1): 91 (1987): Metastelma pringlei.*readii* (Schlechter) R.A. Howard in *Phytologia*, 65(4): 285 (1988): Metastelma readii.

sibiricum

var. triangularilobatum M.R. Rasulova & B.A. Sharipova in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 2(83): 32 (1981), without type and as 'triangulare-lobatum'—U.S.S.R. (Middle Asia).**CYNANCHUM** :-*sonorense* R. Moran in *Levin & Moran, Vasc. Fl. Isla Socorro, Mexico* (Mem. San Diego Soc. Nat. Hist. 16): 26 (1989), nom. nov.: Metastelma minutiflorum Wiggins.*stannardii* G. Morillo in *Ernstia*, 51: 6 (1989)—Venezuela.

stellatum

var. lanceolobatum M.R. Rasulova & B.A. Sharipova in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 2(83): 33 (1981), without type and as 'lanceolato-lobatum'—U.S.S.R. (Middle Asia).*var. oblongolobatum* M.R. Rasulova & B.A. Sharipova in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 2(83): 34 (1981), without type and as 'oblongo-lobatum'—U.S.S.R. (Middle Asia).*var. obtusilobatum* M.R. Rasulova & B.A. Sharipova in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 2(83): 32 (1981), without type and as 'obtusilobatum'—U.S.S.R. (Middle Asia).*var. ovalilobatum* M.R. Rasulova & B.A. Sharipova in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 2(83): 34 (1981), without type and as 'ovalilobatum'—U.S.S.R. (Middle Asia).*var. ovoideolobatum* M.R. Rasulova & B.A. Sharipova in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 2(83): 34 (1981), without type and as 'ovoideolobatum'—U.S.S.R. (Middle Asia).*tepuense* G. Morillo in *Mem. Soc. Cienc. Nat. La Salle*, 37(107): 119 (1977), nom. nov.: Blepharodon ciliatum Moldenke.*xeroneuron* (Schltr.) G. Morillo in *Mem. Soc. Cienc. Nat. La Salle*, 37(107): 119 (1977): Ditassa xeroneura.**CYNODON** (Gramin.).

dactylon

var. affinis (Caro & Sánchez) C. Romero Zarco in *Lagascalia*, 14(1): 171 (1986): C. affinis.*subsp. nipponicus* (Ohwi) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 498 (1987): C. dactylon var. nipponicus.**CYNOGLOSSUM** (Boraginac.).*afrocaeruleum* (R. Mill) H. Riedl in *Lin. Biol. Beitr.*, 17(2): 320 (1985): Paracynoglossum afrocaeruleum.*alpinum* (Brand) H. Riedl in *Lin. Biol. Beitr.*, 17(2): 317 (1985), as 'sp. nov.': C. montanum var. alpinum.*alpinum* (Brand) B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 345 (1986): C. montanum var. alpinum.*alticola* O.M. Hilliard & B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 346 (1986)—South Africa (Cape Province), Lesotho.*austrorfricanum* O.M. Hilliard & B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 347 (1986)—South Africa (Natal, Orange Free State).*cheirifolium**var. antiatlanticum* J. Molero & J.M. Montserrat in *Treb. Inst. Bot. Barcelona*, 11: 25 (1987)—Morocco.*germanicum**subsp. pellucidum* (Lapeyrouse) K. Sutorý in *Čas. Morav. Muz., Vědy Přír.*, 73(1-2): 150 (1988): C. pellucidum.*subsp. rotundum* K. Sutorý in *Čas. Morav. Muz., Vědy Přír.*, 73(1-2): 150 (1988)—Switzerland, Germany, Belgium, France.*hedbergiorum* H. Riedl in *Lin. Biol. Beitr.*, 17(2): 319 (1985)—Ethiopia.*inyangense* E.S. Martins in *Garcia de Orta, Ser. Bot.*, 9(1-2): 76 (1987 publ. 1988)—Zimbabwe.*japonicum* C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 187 (1784)—Japan.†*krasnii* T. Wraber in *Candollea*, 41(1): 145 (1986)—Jugoslavia.*macrolimbe* H. Riedl in *Lin. Biol. Beitr.*, 22(1): 310 (1990)—New Guinea (Papua New Guinea).*macrostylum* A. Bunge, *Beitr. Fl. Russl.*: 236 (1852)—U.S.S.R. (Middle Asia).†*nova-guineense* H. Riedl in *Lin. Biol. Beitr.*, 22(1): 307 (1990)—New Guinea (Papua New Guinea).

pustulatum

subsp. parvifolium (Vis.) K. Sutorý in *Čas. Morav. Muz., Vědy Přír.*, 74(1-2): 170 (1989): C. officinale var. parvifolium.*wildii* E.S. Martins in *Garcia de Orta, Ser. Bot.*, 9(1-2): 76 (1987 publ. 1988)—Zimbabwe.**CYNOGLOTTIS** (Boraginac.).*phocidica* (L.-A. Gustavsson) J. Holub in *Preslia*, 58(4): 301 (1986): Anchusa phocidica.*serpenticola* (Rech. f.) J. Holub in *Preslia*, 58(4): 301 (1986): Anchusa serpenticola.**CYNOMETRA** (Legumin.).*lukei* H.J. Beentje in *Utahiti*, 1(3): 125 (1988)—Kenya.*macrocarpa* A.S. Tavares in *Acta Amazonica*, 19: 155 (1989 publ. 1990)—Brazil.**CYNOMORIUM** (Balanophorac.).

coccineum

subsp. songaricum (Rupr.) J. Léonard in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 304 (1986): C. songaricum.**CYNOSURUS** (Gramin.).*cavara* F. Buchanan-Hamilton ex L.W. Dillwyn, *Rev. Hortus Malab.*: 61 (1839); fide D.J. Mabberley in *Taxon*, 26(5-6): 533 (1977)—India.**CYPEROCHLOA** M. Lazarides & L. Watson in *Brunonia*, 9(2): 216 (1987). **GRAMINEAE**.*hirsuta* M. Lazarides & L. Watson in *Brunonia*, 9(2): 216 (1987)—Australia (W. Australia).**CYPERUS** (Cyperac.).*altochrysocephalus* K.A. Lye in *Candollea*, 43(2): 508 (1988)—Zambia.*astrochrysanthus* K.A. Lye in *Candollea*, 43(2): 505 (1988)—Angola.*breedlovei* G.C. Tucker in *Rhodora*, 88(856): 505 (1986)—Mexico.*macropachycephalus* P. Goetghebeur in *Blumea*, 34(1): 161 (1989)—New Guinea (Papua New Guinea).*matudae* G.C. Tucker in *Rhodora*, 88(856): 503 (1986)—Mexico.*microglumis* D.A. Simpson in *Kew Bull.*, 45(3): 492 (1990)—Somali Republic.

nutans

var. subprolixus (Kukenth.) H.B. Naithani & S. Biswas in *H.B. Naithani, Flow. Pl. India, Nepal & Bhutan*: 466 (1990): C. eleusinoides var. subprolixus.*odoratus**var. attenuatus* F.R. Fosberg & M.H. Sachet in *Micronesica*, 20(1-2): 167 (1987)—Marshall Is., Caroline Is.*var. curtispiculus* F.R. Fosberg & M.H. Sachet in *Micronesica*, 20(1-2): 167 (1987)—Marianas, Caroline Is.*var. novae-hannoverae* (Boeck.) F.R. Fosberg & M.H. Sachet in *Micronesica*, 20(1-2): 168 (1987): C. novae-hannoverae.*panamensis* (C.B. Clarke) Britton ex P.C. Standley in *J. Wash. Acad. Sci.*, 15(20): 457 (1925): Mariscus panamensis.*subcastaneum* D.A. Simpson in *Kew Bull.*, 42(4): 897 (1987)—Brazil.*subsp. graomogolii* D.A. Simpson in *Kew Bull.*, 44(2): 279 (1989)—Brazil.*svensonii* G.C. Tucker in *Rhodora*, 88(856): 510 (1986)—Mexico, Guatemala, Honduras, Nicaragua.*wilburii* G.C. Tucker in *Rhodora*, 88(856): 508 (1986)—Mexico.**CYPHIA** (Campanulac.).*couroublei* P. Bamps & F. Malaise in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 488 (1986)—Zaire.**CYPHOMANDRA** (Solanac.).*casana* A. Child in *Feddes Repert.*, 97(3-4): 143 (1986)—Ecuador.*foetida* L. Bohs in *Syst. Bot.*, 13(2): 268 (1988)—Peru, Brazil.*oblongifolia* L. Bohs in *Syst. Bot.*, 13(2): 271 (1988)—Brazil, Peru, Bolivia, Surinam.*pilosa* L. Bohs in *Syst. Bot.*, 13(2): 265 (1988)—Peru, Colombia, Ecuador.*sibundoyensis* L. Bohs in *Syst. Bot.*, 13(2): 273 (1988)—Colombia.

CYPHOSTEMMA (Vitac.).

- auriculata (Roxb.) P. Singh & B.V. Shetty in *Taxon*, 35(3): 596 (1986); *Cissus auriculata*.
 jiguu B. Verdcourt in *Kew Bull.*, 41(4): 1016 (1986), nom. nov.: *C. pachypus* Verdc.
 megabotrys (Collett & Hemsley) B.V. Shetty in *Kew Bull.*, 44(3): 477 (1989); *Vitis megabotrys*.

CYPRIPEDIUM (Orchidac.).

- sect. *Acaulia* (Brieger) E.F. Hennessy in E.F. Hennessy & T.A. Hedge, *Slipper Orchids*: 31 (1989), without basionym ref.: Basionym not stated.
 sect. *Flabellinervia* (Pfitzer) E.F. Hennessy in E.F. Hennessy & T.A. Hedge, *Slipper Orchids*: 31 (1989), without basionym ref.: Basionym not stated.
 sect. *Subtropica* S.C. Chen & K.Y. Lang in *Acta Phytotax. Sin.*, 24(4): 317 (1986).
 japonicum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 817 (1784)—Japan.†
 parviflorum
 f. *albolabium* L.K. Magrath & J.L. Norman in *Sida*, 13(3): 372 (1989)—U.S.A. (Oklahoma).
 subtropicum S.C. Chen & K.Y. Lang in *Acta Phytotax. Sin.*, 24(4): 317 (1986)—Xizang.

CYRTANDRA (Gesneriac.).

- sect. *Lobicalyces* H. St. John in *Phytologia*, 63(6): 476 (1987).
 acmule H. St. John in *Phytologia*, 63(6): 487 (1987)—Hawaiian Is.
 acriserrata H. St. John in *Phytologia*, 65(3): 199 (1988)—Hawaiian Is.
 acuminifolia H. St. John & W.N. Takeuchi in *Phytologia*, 65(3): 207 (1988)—Hawaiian Is.
 adine H. St. John in *Phytologia*, 63(6): 469 (1987)—Hawaiian Is.
 addressa H. St. John in *Phytologia*, 63(6): 469 (1987)—Hawaiian Is.
 adusta H. St. John in *Phytologia*, 63(6): 469 (1987)—Hawaiian Is.
 aequalis H. St. John in *Phytologia*, 65(3): 195 (1988)—Hawaiian Is.
 at-home H. St. John in *Phytologia*, 63(6): 494 (1987)—Hawaiian Is.
 alaustris H. St. John in *Phytologia*, 63(6): 487 (1987)—Hawaiian Is.
 albula H. St. John in *Phytologia*, 63(6): 494 (1987)—Hawaiian Is.
 alikaensis H. St. John in *Phytologia*, 63(6): 469 (1987)—Hawaiian Is.
 amische H. St. John in *Phytologia*, 64(6): 487 (1988), nom. nov.: *C. sessilis* St. John.
 anatolike H. St. John in *Phytologia*, 63(6): 503 (1987)—Hawaiian Is.
 anxie H. St. John in *Phytologia*, 63(6): 494 (1987)—Hawaiian Is.
 anise H. St. John in *Phytologia*, 63(6): 478 (1987)—Hawaiian Is.
 ataute H. St. John in *Phytologia*, 63(6): 485 (1987)—Hawaiian Is.
 austrohiloensis H. St. John in *Phytologia*, 63(6): 494 (1987)—Hawaiian Is.
 badia H. St. John in *Phytologia*, 63(6): 470 (1987), homonym see p. 495—Hawaiian Is.
 badia H. St. John in *Phytologia*, 63(6): 495 (1987), homonym see p. 470—Hawaiian Is.
 basirotundata H. St. John & W.N. Takeuchi in *Phytologia*, 65(3): 207 (1988)—Hawaiian Is.
 biformalis H. St. John in *Phytologia*, 63(6): 470 (1987)—Hawaiian Is.
 biformalis H. St. John & W.N. Takeuchi in *Phytologia*, 65(3): 211 (1988)—Hawaiian Is.
 bilobata H. St. John in *Phytologia*, 64(6): 487 (1988), nom. nov.: *C. infraffissa* St. John (1988).
 biserrata H. St. John in *Phytologia*, 63(6): 495 (1987)—Hawaiian Is.
 bishopii H. St. John in *Phytologia*, 64(1): 38 (1987)—Hawaiian Is.
 brevipedicellaris H. St. John in *Phytologia*, 64(1): 38 (1987), as 'brevipedicellaris'—Hawaiian Is.
 brunnea H. St. John in *Phytologia*, 63(6): 495 (1987)—Hawaiian Is.
 callaina H. St. John in *Phytologia*, 63(6): 495 (1987)—Hawaiian Is.
 calpidicarpa
 var. *distincta* H. St. John & W.N. Takeuchi in *Phytologia*, 65(3): 213 (1988)—Hawaiian Is.

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- calvicalycis H. St. John in *Phytologia*, 63(6): 478 (1987)—Hawaiian Is.
 calvicorolla H. St. John in *Phytologia*, 64(1): 38 (1987)—Hawaiian Is.
 capillata H. St. John in *Phytologia*, 63(6): 470 (1987)—Hawaiian Is.
 capitata H. St. John in *Phytologia*, 63(6): 487 (1987)—Hawaiian Is.
 carina H. St. John in *Phytologia*, 63(6): 495 (1987)—Hawaiian Is.
 catenulata H. St. John in *Phytologia*, 63(6): 495 (1987)—Hawaiian Is.
 catenulata H. St. John & W.N. Takeuchi in *Phytologia*, 65(3): 211 (1988)—Hawaiian Is.
 caudiflora H. St. John in *Phytologia*, 65(3): 201 (1988)—Hawaiian Is.
 chartacea H. St. John in *Phytologia*, 63(6): 496 (1987)—Hawaiian Is.
 chartiformis H. St. John in *Phytologia*, 64(6): 487 (1988), nom. nov.: *C. chartacea* St. John.
 christenseni H. St. John in *Phytologia*, 65(3): 195 (1988)—Hawaiian Is.
 cinnamomea H. St. John in *Phytologia*, 63(6): 473 (1987)—Hawaiian Is.
 commensurata H. St. John in *Phytologia*, 63(6): 496 (1987)—Hawaiian Is.
 comosa H. St. John in *Phytologia*, 63(6): 496 (1987)—Hawaiian Is.
 conferta H. St. John in *Phytologia*, 63(6): 487 (1987)—Hawaiian Is.
 cordata H. St. John in *Phytologia*, 63(6): 488 (1987)—Hawaiian Is.
 crassichartacea H. St. John in *Phytologia*, 63(6): 496 (1987)—Hawaiian Is.
 crebra H. St. John in *Phytologia*, 63(6): 496 (1987)—Hawaiian Is.
 crinalis H. St. John in *Phytologia*, 63(6): 488 (1987)—Hawaiian Is.
 crista H. St. John in *Phytologia*, 63(6): 496 (1987)—Hawaiian Is.
 curvata H. St. John in *Phytologia*, 63(6): 476 (1987)—Hawaiian Is.
 cuspidata H. St. John & W.N. Takeuchi in *Phytologia*, 65(3): 207 (1988)—Hawaiian Is.
 cylindrica H. St. John in *Phytologia*, 64(1): 38 (1987)—Hawaiian Is.
 dasygyna H. St. John & W.N. Takeuchi in *Phytologia*, 65(3): 211 (1988)—Hawaiian Is.
 deltoidea H. St. John in *Phytologia*, 63(6): 485 (1987)—Hawaiian Is.
 deorsa H. St. John & W.N. Takeuchi in *Phytologia*, 65(3): 213 (1988)—Hawaiian Is.
 depressa H. St. John in *Phytologia*, 63(6): 470 (1987)—Hawaiian Is.
 depressa H. St. John & W.N. Takeuchi in *Phytologia*, 65(3): 209 (1988)—Hawaiian Is.
 discors H. St. John & W.N. Takeuchi in *Phytologia*, 65(3): 212 (1988)—Hawaiian Is.
 disgrega H. St. John in *Phytologia*, 65(3): 201 (1988)—Hawaiian Is.
 duploserrata H. St. John in *Phytologia*, 63(6): 497 (1987)—Hawaiian Is.
 duploserrata H. St. John in *Phytologia*, 64(6): 487 (1988), nom. nov., illegit. later homonym of *Cyrtandra duploserrata* H. St. John in *Phytologia*, 63(6): 497 (1987); *C. biserrata* St. John.
 dytike H. St. John in *Phytologia*, 63(6): 497 (1987)—Hawaiian Is.
 echyros H. St. John in *Phytologia*, 63(6): 497 (1987)—Hawaiian Is.
 ellipsoidea H. St. John in *Phytologia*, 64(1): 39 (1987)—Hawaiian Is.
 ellipticipis H. St. John in *Phytologia*, 65(3): 195 (1988)—Hawaiian Is.
 elliptica H. St. John in *Phytologia*, 63(6): 497 (1987)—Hawaiian Is.
 epiphytica H. St. John in *Phytologia*, 63(6): 497 (1987)—Hawaiian Is.
 exilis H. St. John in *Phytologia*, 63(6): 485 (1987)—Hawaiian Is.
 ferrea H. St. John & W.N. Takeuchi in *Phytologia*, 65(3): 209 (1988)—Hawaiian Is.
 ferripilosa H. St. John in *Phytologia*, 63(6): 497 (1987)—Hawaiian Is.
 fissa H. St. John in *Phytologia*, 63(6): 498 (1987)—Hawaiian Is.

CYRTANDRA :-

- framea H. St. John in *Phytologia*, 63(6): 478 (1987)—Hawaiian Is.
 fruticosa H. St. John in *Phytologia*, 63(6): 470 (1987), homonym see p. 498—Hawaiian Is.
 fruticosa H. St. John in *Phytologia*, 63(6): 498 (1987), homonym see p. 470—Hawaiian Is.
 fulva H. St. John in *Phytologia*, 63(6): 479 (1987)—Hawaiian Is.
 furfuriosa H. St. John in *Phytologia*, 63(6): 479 (1987)—Hawaiian Is.
 fusata H. St. John & W.N. Takeuchi in *Phytologia*, 65(3): 209 (1988)—Hawaiian Is.
 gagei H. St. John in *Phytologia*, 65(3): 196 (1988)—Hawaiian Is.
 glabricalycis H. St. John in *Phytologia*, 64(1): 39 (1987)—Hawaiian Is.
 glabriflora H. St. John in *Phytologia*, 63(6): 488 (1987)—Hawaiian Is.
 glabriflora H. St. John & W.N. Takeuchi in *Phytologia*, 65(3): 209 (1988)—Hawaiian Is.
 glenwoodensis H. St. John in *Phytologia*, 63(6): 488 (1987)—Hawaiian Is.
 grayana
 var. *caudata* H. St. John in *Phytologia*, 63(6): 479 (1987)—Hawaiian Is.
 var. *fosbergii* H. St. John in *Phytologia*, 63(6): 479 (1987)—Hawaiian Is.
 habenosa H. St. John in *Phytologia*, 65(3): 200 (1988)—Hawaiian Is.
 haelaauensis H. St. John in *Phytologia*, 63(6): 470 (1987)—Hawaiian Is.
 haikuensis H. St. John & W.N. Takeuchi in *Phytologia*, 65(3): 212 (1988)—Hawaiian Is.
 hamakuaensis H. St. John in *Phytologia*, 63(6): 473 (1987)—Hawaiian Is.
 hanaensis H. St. John in *Phytologia*, 65(3): 202 (1988)—Hawaiian Is.
 hanaulaensis H. St. John in *Phytologia*, 63(6): 484 (1987)—Hawaiian Is.
 harrisoniae H. St. John in *Phytologia*, 65(3): 196 (1988), as 'harrisonae'—Hawaiian Is.
 heinrichii H. St. John in *Phytologia*, 63(6): 498 (1987), nom. nov.: *C. oenobarba* var. *obovata* Wawra.
 heliothine H. St. John in *Phytologia*, 63(6): 471 (1987)—Hawaiian Is.
 hematos H. St. John in *Phytologia*, 63(6): 479 (1987)—Hawaiian Is.
 hemisphaerica H. St. John in *Phytologia*, 65(3): 200 (1988), nom. nov.: *C. ustulata* St. John in *Phytologia*, 63: 483 (1987).
 henanthe H. St. John in *Phytologia*, 63(6): 488 (1987)—Hawaiian Is.
 hesperia H. St. John in *Phytologia*, 63(6): 485 (1987)—Hawaiian Is.
 hians H. St. John in *Phytologia*, 63(6): 471 (1987)—Hawaiian Is.
 higashinoi H. St. John in *Phytologia*, 63(6): 479 (1987)—Hawaiian Is.
 hiloensis H. St. John in *Phytologia*, 63(6): 488 (1987)—Hawaiian Is.
 honokawaensis H. St. John in *Phytologia*, 65(3): 196 (1988)—Hawaiian Is.
 honomanuensis H. St. John in *Phytologia*, 65(3): 197 (1988)—Hawaiian Is.
 humifusa H. St. John in *Phytologia*, 63(6): 489 (1987)—Hawaiian Is.
 humiliserrulata H. St. John in *Phytologia*, 65(3): 197 (1988)—Hawaiian Is.
 hylematus H. St. John in *Phytologia*, 65(3): 202 (1988)—Hawaiian Is.
 iaoensis H. St. John in *Phytologia*, 63(6): 498 (1987)—Hawaiian Is.
 imparifolia H. St. John in *Phytologia*, 63(6): 489 (1987)—Hawaiian Is.
 imparilis H. St. John & W.N. Takeuchi in *Phytologia*, 65(3): 210 (1988)—Hawaiian Is.
 imparis H. St. John in *Phytologia*, 63(6): 489 (1987)—Hawaiian Is.
 inaequalis H. St. John in *Phytologia*, 63(6): 479 (1987)—Hawaiian Is.
 indiscissa H. St. John in *Phytologia*, 65(3): 197 (1988)—Hawaiian Is.
 indivisa H. St. John in *Phytologia*, 64(1): 39 (1987)—Hawaiian Is.
 infera H. St. John in *Phytologia*, 65(3): 202 (1988)—Hawaiian Is.

CYRTANDRA :-

- infracissa *H. St. John in Phytologia*, 63(6): 473 (1987)—Hawaiian Is.
 infracissa *H. St. John in Phytologia*, 64(1): 39 (1987), illegit. later homonym of *Cyrtandra infracissa H. St. John in Phytologia*, 63(6): 473 (1987)—Hawaiian Is.
 infraglabra *H. St. John in Phytologia*, 63(6): 498 (1987)—Hawaiian Is.
 infraligulata *H. St. John in Phytologia*, 65(3): 205 (1988)—Hawaiian Is.
 integra *H. St. John in Phytologia*, 64(1): 39 (1987)—Hawaiian Is.
 ise *H. St. John in Phytologia*, 63(6): 489 (1987)—Hawaiian Is.
 kaiholenaensis *H. St. John in Phytologia*, 63(6): 489 (1987)—Hawaiian Is.
 kalaensis *H. St. John in Phytologia*, 63(6): 480 (1987)—Hawaiian Is.
 kalamanthe *H. St. John in Phytologia*, 65(3): 203 (1988)—Hawaiian Is.
 kamokuensis *H. St. John in Phytologia*, 63(6): 480 (1987)—Hawaiian Is.
 kamooaliensis *H. St. John & W.N. Takeuchi in Phytologia*, 65(3): 207 (1988)—Hawaiian Is.
 kamoolaensis *H. St. John in Phytologia*, 63(6): 499 (1987)—Hawaiian Is.
 karykrous *H. St. John in Phytologia*, 64(6): 487 (1988), nom. nov.: *C. badia St. John in Phytologia*, 63: 495 (1987).
 kauensis *H. St. John in Phytologia*, 65(3): 203 (1988)—Hawaiian Is.
 kawalaensis *H. St. John in Phytologia*, 65(3): 200 (1988)—Hawaiian Is.
 keanaensis *H. St. John in Phytologia*, 63(6): 498 (1987)—Hawaiian Is.
 kirrhe *H. St. John in Phytologia*, 63(6): 480 (1987)—Hawaiian Is.
 kormanthike *H. St. John in Phytologia*, 65(3): 203 (1988)—Hawaiian Is.
 kremnes *H. St. John & W.N. Takeuchi in Phytologia*, 65(3): 208 (1988)—Hawaiian Is.
 kukuiensis *H. St. John in Phytologia*, 63(6): 499 (1987)—Hawaiian Is.
 laeicalycis *H. St. John in Phytologia*, 65(3): 199 (1988)—Hawaiian Is.
 lalaensis *H. St. John in Phytologia*, 63(6): 486 (1987)—Hawaiian Is.
 latior *H. St. John in Phytologia*, 63(6): 473 (1987)—Hawaiian Is.
 leiocalyx *H. St. John in Phytologia*, 63(6): 480 (1987)—Hawaiian Is.
 ligulata *H. St. John in Phytologia*, 63(6): 471 (1987)—Hawaiian Is.
 limahuliensis *H. St. John in Phytologia*, 63(6): 489 (1987)—Hawaiian Is.
 lumahaensis *H. St. John in Phytologia*, 63(6): 490 (1987)—Hawaiian Is.
 lysiosepapa
var. ewartii H. St. John in Phytologia, 63(6): 499 (1987)—Hawaiian Is.
 macilenta *H. St. John in Phytologia*, 63(6): 499 (1987)—Hawaiian Is.
 macrocarpa (*Skotts.*) *H. St. John in Phytologia*, 64(1): 40 (1987); *C. gayana var. macrocarpa*.
 makalehaensis *H. St. John in Phytologia*, 63(6): 490 (1987)—Hawaiian Is.
 malina *H. St. John in Phytologia*, 63(6): 499 (1987)—Hawaiian Is.
 manukaensis *H. St. John in Phytologia*, 65(3): 205 (1988)—Hawaiian Is.
 mapulehuensis *H. St. John in Phytologia*, 63(6): 473 (1987)—Hawaiian Is.
 molokaiensis *H. St. John in Phytologia*, 63(6): 499 (1987)—Hawaiian Is.
 monadantha *H. St. John in Phytologia*, 63(6): 490 (1987)—Hawaiian Is.
 monanthe *H. St. John in Phytologia*, 63(6): 480 (1987)—Hawaiian Is.
 nanawaleensis *H. St. John in Phytologia*, 63(6): 500 (1987)—Hawaiian Is.
 noie *H. St. John in Phytologia*, 65(3): 197 (1988)—Hawaiian Is.
 nuda *H. St. John in Phytologia*, 63(6): 500 (1987)—Hawaiian Is.
 obliqua *H. St. John in Phytologia*, 63(6): 500 (1987)—Hawaiian Is.

CYRTANDRA :-

- oblonga *H. St. John in Phytologia*, 63(6): 500 (1987)—Hawaiian Is.
 obmalaris *H. St. John in Phytologia*, 63(6): 490 (1987)—Hawaiian Is.
 obtusa *H. St. John in Phytologia*, 64(1): 40 (1987)—Hawaiian Is.
 occidentis *H. St. John in Phytologia*, 63(6): 500 (1987)—Hawaiian Is.
 occidentalis *H. St. John in Phytologia*, 63(6): 471 (1987)—Hawaiian Is.
 oenobarba
var. proceripetiolata H. St. John in Phytologia, 64(1): 40 (1987)—Hawaiian Is.
 olaensis *H. St. John in Phytologia*, 63(6): 480 (1987)—Hawaiian Is.
 olukuensis *H. St. John in Phytologia*, 63(6): 481 (1987)—Hawaiian Is.
 olowaluensis *H. St. John in Phytologia*, 63(6): 500 (1987)—Hawaiian Is.
 oopuolaensis *H. St. John in Phytologia*, 63(6): 471 (1987)—Hawaiian Is.
 opeatos *H. St. John in Phytologia*, 63(6): 474 (1987)—Hawaiian Is.
 opposita *H. St. John & W.N. Takeuchi in Phytologia*, 65(3): 210 (1988)—Hawaiian Is.
 orbicularis *H. St. John in Phytologia*, 64(1): 40 (1987)—Hawaiian Is.
 orientalis *H. St. John in Phytologia*, 63(6): 471 (1987)—Hawaiian Is.
 ovalifolia *H. St. John & W.N. Takeuchi in Phytologia*, 65(3): 212 (1988)—Hawaiian Is.
 ovalis *H. St. John & W.N. Takeuchi in Phytologia*, 65(3): 210 (1988)—Hawaiian Is.
 ovatiloba *H. St. John in Phytologia*, 63(6): 490 (1987)—Hawaiian Is.
 oxybapha *W.L. Wagner & D.R. Herbst in Bishop Mus. Occas. Pap.*, 29: 100 (1989)—Hawaiian Is.
 paludosa
var. honopuensis H. St. John in Phytologia, 64(1): 40 (1987)—Hawaiian Is.
var. kohalaensis H. St. John in Phytologia, 64(1): 40 (1987)—Hawaiian Is.
var. montana H. St. John in Phytologia, 65(3): 199 (1988)—Hawaiian Is.
 paris *H. St. John in Phytologia*, 63(6): 490 (1987)—Hawaiian Is.
 pentenourou *H. St. John in Phytologia*, 65(3): 204 (1988)—Hawaiian Is.
 pepeopaensis *H. St. John in Phytologia*, 63(6): 481 (1987)—Hawaiian Is.
 perlmanii *H. St. John in Phytologia*, 64(1): 41 (1987)—Hawaiian Is.
 petila *H. St. John in Phytologia*, 63(6): 491 (1987)—Hawaiian Is.
 petiolata *H. St. John in Phytologia*, 63(6): 472 (1987)—Hawaiian Is.
 phaie *H. St. John in Phytologia*, 63(6): 472 (1987)—Hawaiian Is.
 piensis *H. St. John & W.N. Takeuchi in Phytologia*, 65(3): 208 (1988)—Hawaiian Is.
 pilosicalycis *H. St. John & W.N. Takeuchi in Phytologia*, 65(3): 210 (1988)—Hawaiian Is.
 pilosula *H. St. John in Phytologia*, 63(6): 491 (1987)—Hawaiian Is.
 pluviosa *H. St. John in Phytologia*, 63(6): 491 (1987)—Hawaiian Is.
 pololuensis *H. St. John in Phytologia*, 63(6): 501 (1987)—Hawaiian Is.
 prasina *H. St. John in Phytologia*, 63(6): 481 (1987), homonym see p. 501—Hawaiian Is.
 prasina *H. St. John in Phytologia*, 63(6): 501 (1987), homonym see p. 481—Hawaiian Is.
 prolixa *H. St. John in Phytologia*, 65(3): 204 (1988)—Hawaiian Is.
 prorsiflora *H. St. John & W.N. Takeuchi in Phytologia*, 65(3): 212 (1988)—Hawaiian Is.
 puberis *H. St. John in Phytologia*, 64(1): 41 (1987)—Hawaiian Is.
 puberula *H. St. John in Phytologia*, 63(6): 472 (1987)—Hawaiian Is.
 pubinervis *H. St. John in Phytologia*, 64(1): 41 (1987)—Hawaiian Is.
 pukeleensis *H. St. John & W.N. Takeuchi in Phytologia*, 65(3): 208 (1988)—Hawaiian Is.
 pustulata *H. St. John in Phytologia*, 63(6): 501 (1987)—Hawaiian Is.

CYRTANDRA :-

- puuensis *H. St. John in Phytologia*, 63(6): 481 (1987)—Hawaiian Is.
 quadrata *H. St. John in Phytologia*, 63(6): 474 (1987)—Hawaiian Is.
 quadrilobata *H. St. John in Phytologia*, 63(6): 474 (1987)—Hawaiian Is.
 quinquefasciata *H. St. John in Phytologia*, 63(6): 472 (1987)—Hawaiian Is.
 quinqueflora *H. St. John & W.N. Takeuchi in Phytologia*, 65(3): 212 (1988)—Hawaiian Is.
 quiritis *H. St. John in Phytologia*, 63(6): 491 (1987)—Hawaiian Is.
 ralla *H. St. John in Phytologia*, 63(6): 501 (1987)—Hawaiian Is.
 recurrens *H. St. John in Phytologia*, 63(6): 501 (1987), as 'recurrems'—Hawaiian Is.
 rotundata *H. St. John & W.N. Takeuchi in Phytologia*, 65(3): 208 (1988)—Hawaiian Is.
 rudiolata *H. St. John in Phytologia*, 63(6): 502 (1987)—Hawaiian Is.
 runae *H. St. John in Phytologia*, 63(6): 491 (1987)—Hawaiian Is.
 scapiflora *H. St. John & W.N. Takeuchi in Phytologia*, 65(3): 210 (1988)—Hawaiian Is.
 semiorbicularis *H. St. John in Phytologia*, 65(3): 200 (1988)—Hawaiian Is.
 semisubulata *H. St. John in Phytologia*, 64(1): 41 (1987)—Hawaiian Is.
 septemiflora *H. St. John in Phytologia*, 63(6): 492 (1987)—Hawaiian Is.
 septentrionalis *H. St. John in Phytologia*, 65(3): 199 (1988)—Hawaiian Is.
 sericea *H. St. John in Phytologia*, 64(1): 41 (1987)—Hawaiian Is.
 sessilis *H. St. John in Phytologia*, 63(6): 474 (1987)—Hawaiian Is.
 simulata *H. St. John in Phytologia*, 63(6): 486 (1987)—Hawaiian Is.
 spartoides *H. St. John in Phytologia*, 64(6): 488 (1988), nom. nov.: *C. fruticosa St. John in Phytologia*, 63: 498 (1987).
 spissa *H. St. John in Phytologia*, 63(6): 492 (1987)—Hawaiian Is.
 stemmermanniae *H. St. John in Phytologia*, 63(6): 492 (1987), as 'stemmermannae'—Hawaiian Is.
 stenohede *H. St. John in Phytologia*, 63(6): 481 (1987)—Hawaiian Is.
 straminea *H. St. John in Phytologia*, 63(6): 474 (1987)—Hawaiian Is.
 subaequalis *H. St. John in Phytologia*, 63(6): 482 (1987)—Hawaiian Is.
 subaequalis *H. St. John & W.N. Takeuchi in Phytologia*, 65(3): 209 (1988)—Hawaiian Is.
 subcalva *H. St. John in Phytologia*, 63(6): 482 (1987)—Hawaiian Is.
 subcoriacea *H. St. John in Phytologia*, 63(6): 502 (1987)—Hawaiian Is.
 subrubra *H. St. John & W.N. Takeuchi in Phytologia*, 65(3): 209 (1988)—Hawaiian Is.
 subsolana *H. St. John in Phytologia*, 63(6): 492 (1987)—Hawaiian Is.
 subtilis *H. St. John in Phytologia*, 63(6): 482 (1987)—Hawaiian Is.
 subulata *H. St. John in Phytologia*, 63(6): 475 (1987)—Hawaiian Is.
 subviridis *H. St. John in Phytologia*, 63(6): 482 (1987)—Hawaiian Is.
 sylvestris *H. St. John in Phytologia*, 63(6): 492 (1987)—Hawaiian Is.
 tantalusensis *H. St. John & W.N. Takeuchi in Phytologia*, 65(3): 211 (1988)—Hawaiian Is.
 tenuis *H. St. John in Phytologia*, 63(6): 482 (1987)—Hawaiian Is.
 terna *H. St. John in Phytologia*, 63(6): 472 (1987)—Hawaiian Is.
 ternaria *H. St. John in Phytologia*, 63(6): 475 (1987)—Hawaiian Is.
 terniflora *H. St. John in Phytologia*, 63(6): 472 (1987)—Hawaiian Is.
 tetraphylla *H. St. John in Phytologia*, 63(6): 482 (1987)—Hawaiian Is.
 triados *H. St. John in Phytologia*, 63(6): 483 (1987)—Hawaiian Is.
 triados *H. St. John & W.N. Takeuchi in Phytologia*, 65(3): 213 (1988)—Hawaiian Is.
 triangularis *H. St. John in Phytologia*, 63(6): 486 (1987)—Hawaiian Is.

CYRTANDRA :-

- triens *H. St. John* & *W.N. Takeuchi* in *Phytologia*, 65(3): 214 (1988)—Hawaiian Is.
 trifida *H. St. John* in *Phytologia*, 63(6): 483 (1987)—Hawaiian Is.
 trifoliata *H. St. John* in *Phytologia*, 65(3): 205 (1988)—Hawaiian Is.
 trina *H. St. John* in *Phytologia*, 63(6): 492 (1987)—Hawaiian Is.
 trinalis *H. St. John* in *Phytologia*, 63(6): 475 (1987)—Hawaiian Is.
 trinalis *H. St. John* & *W.N. Takeuchi* in *Phytologia*, 65(3): 214 (1988)—Hawaiian Is.
 trionanthe *H. St. John* & *W.N. Takeuchi* in *Phytologia*, 65(3): 213 (1988)—Hawaiian Is.
 tripla *H. St. John* in *Phytologia*, 65(3): 206 (1988)—Hawaiian Is.
 triplex *H. St. John* in *Phytologia*, 63(6): 483 (1987)—Hawaiian Is.
 trisse *H. St. John* in *Phytologia*, 65(3): 206 (1988)—Hawaiian Is.
 trite *H. St. John* in *Phytologia*, 63(6): 502 (1987)—Hawaiian Is.
 umbelliflora *H. St. John* in *Phytologia*, 63(6): 502 (1987)—Hawaiian Is.
 ustulata *H. St. John* in *Phytologia*, 63(6): 483 (1987), homonym see p. 493—Hawaiian Is.
 ustulata *H. St. John* in *Phytologia*, 63(6): 493 (1987), homonym see p. 483—Hawaiian Is.
 vallecularis *H. St. John* in *Phytologia*, 65(3): 204 (1988)—Hawaiian Is.
 vanroyenii *H. St. John* in *Phytologia*, 64(1): 41 (1987)—Hawaiian Is.
 vesperalis *H. St. John* in *Phytologia*, 63(6): 502 (1987), nom. nov.: *C. triflora* β *robusta* *Wawra*.
 vespertina *H. St. John* in *Phytologia*, 65(3): 198 (1988), nom. nov.: *C. occidentalis* *St. John*.
 vestigii *H. St. John* in *Phytologia*, 63(6): 483 (1987)—Hawaiian Is.
 villifera *H. St. John* & *W.N. Takeuchi* in *Phytologia*, 65(3): 213 (1988)—Hawaiian Is.
 villosula *H. St. John* in *Phytologia*, 65(3): 198 (1988)—Hawaiian Is.
 vulsa *H. St. John* in *Phytologia*, 63(6): 483 (1987)—Hawaiian Is.
 wahiawaensis *H. St. John* in *Phytologia*, 64(1): 42 (1987)—Hawaiian Is.
 waiakeensis *H. St. John* in *Phytologia*, 63(6): 493 (1987)—Hawaiian Is.
 waiheae (*Rock*) *H. St. John* in *Phytologia*, 63(6): 493 (1987); *C. pickeringii* var. *waiheae*.
 waiheensis *H. St. John* in *Phytologia*, 63(6): 475 (1987)—Hawaiian Is.
 waikamoensis *H. St. John* in *Phytologia*, 65(3): 198 (1988)—Hawaiian Is.
 wailaensis *H. St. John* in *Phytologia*, 65(3): 198 (1988)—Hawaiian Is.
 wailupeensis *H. St. John* & *W.N. Takeuchi* in *Phytologia*, 65(3): 213 (1988)—Hawaiian Is.
 waioliensis *H. St. John* in *Phytologia*, 64(1): 42 (1987)—Hawaiian Is.
 waipioensis *H. St. John* in *Phytologia*, 63(6): 486 (1987)—Hawaiian Is.

CYRTANTHUS (Amaryllidac.).

- brachysiphon *O.M. Hilliard* & *B.L. Burt* in *Notes Roy. Bot. Gard. Edinburgh*, 43(2): 189 (1986)—South Africa (Natal).

CYRTOCYMURA *H. Robinson* in *Proc. Biol. Soc. Wash.*, 100(4): 849 (1987). *COMPOSITAE*.

- cincta (*Griseb.*) *H. Robinson* in *Proc. Biol. Soc. Wash.*, 100(4): 851 (1987); *Vernonia cincta*.
 harleyi (*H. Robinson*) *H. Robinson* in *Proc. Biol. Soc. Wash.*, 100(4): 852 (1987); *Vernonia harleyi*.
 lanuginosa (*Gardn.*) *H. Robinson* in *Proc. Biol. Soc. Wash.*, 100(4): 852 (1987); *Vernonia lanuginosa*.
 mattos-silvae (*H. Robinson*) *H. Robinson* in *Proc. Biol. Soc. Wash.*, 100(4): 852 (1987); *Vernonia mattos-silvae*.
 saepia (*Ekman*) *H. Robinson* in *Proc. Biol. Soc. Wash.*, 100(4): 853 (1987); *Vernonia saepia*.
 scorpioides (*Lamarck*) *H. Robinson* in *Proc. Biol. Soc. Wash.*, 100(4): 852 (1987); *Conyza scorpioides*.

CYRTOCHIS (Orchidac.).

- arcuata
 var. *variabilis* (*Summerh.*) *D. Geerinck* in *Fl. Rwanda - Spermatophytes*, 4: 548 (1988); *C. arcuata* subsp. *variabilis*.
 praetermissa
 subsp. *zuluensis* (*Harrison*) *H.P. Linder* in *Kew Bull.*, 44(2): 319 (1989); *C. praetermissa* var. *zuluensis*.

CYRTOSIA (Orchidac.).

- integra (*Rolfe ex Downie*) *L.A. Garay* in *Bot. Mus. Leaf. Harvard Univ.*, 30(4): 232 (1986); *Galeola integra*.
 minahassae (*Schltr.*) *L.A. Garay* in *Bot. Mus. Leaf. Harvard Univ.*, 30(4): 233 (1986); *Galeola minahassae*.
 nana (*Rolfe ex Downie*) *L.A. Garay* in *Bot. Mus. Leaf. Harvard Univ.*, 30(4): 233 (1986); *Galeola nana*.
 septentrionalis (*Rchb. f.*) *L.A. Garay* in *Bot. Mus. Leaf. Harvard Univ.*, 30(4): 233 (1986); *Galeola septentrionalis*.

CYRTOSPERMA (Arac.).

- beccarianum *A. Hay* in *Blumea*, 33(2): 455 (1988)—New Guinea (W. Irian, Papua New Guinea).
 bougainvillense *A. Hay* in *Blumea*, 33(2): 441 (1988)—Bougainville Is.
 brassii *A. Hay* in *Blumea*, 33(2): 439 (1988)—Louisiane Archipelago.
 carrii *A. Hay* in *Blumea*, 33(2): 450 (1988)—New Guinea (Papua New Guinea).
 gressittorum *A. Hay* in *Blumea*, 33(2): 439 (1988)—Louisiane Archipelago.
 kokodense *A. Hay* in *Blumea*, 33(2): 447 (1988)—New Guinea (Papua New Guinea).

CYRTOSTYLIS (Orchidac.).

- robusta *D.L. Jones* & *M.A. Clements* in *Lindleyana*, 2(3): 157 (1987)—Australia (W. Australia, S. Australia, Victoria).
 tenuissima (*Nicholls & Goadby*) *D.L. Jones* & *M.A. Clements* in *Lindleyana*, 2(3): 157 (1987); *Acianthus tenuissimus*.

CYSTICAPNOS (Papaverac.).

- cracca (*Cham. & Schlecht.*) *M. Lidén* in *Op. Bot.*, 88: 108 (1986); *Corydalis cracca*.
 parviflora *M. Lidén* in *Op. Bot.*, 88: 106 (1986)—South Africa (Cape Province).
 pruinosa (*Bernh.*) *M. Lidén* in *Op. Bot.*, 88: 106 (1986); *Phacocapnos pruinosa*.

CYSTORCHIS (Orchidac.).

- salmoneus *J.J. Wood* in *Lindleyana*, 5(2): 81 (1990)—Borneo (Sabah).

CYSTOSTEMON (Boraginac.).

- linearifolius *E.S. Martins* in *Garcia de Orta, Ser. Bot.*, 10(1-2): 17 (1988)—Angola.
 loveridgei *E.S. Martins* in *Garcia de Orta, Ser. Bot.*, 9(1-2): 75 (1987 publ. 1988)—Zambia.
 mwiniungensis *E.S. Martins* in *Garcia de Orta, Ser. Bot.*, 9(1-2): 75 (1987 publ. 1988)—Zambia.

CYTISOPSIS (Legumin.).

- ahmedii (*Battand. & Pitard*) *P. Lassen* in *Willdenowia*, 16(1): 109 (1986); *Cytisus ahmedii*.
 pseudocytisus
 subsp. *reeseana* (*Guyot*) *Lassen* ex *W. Greuter* & *T. Raus* in *Willdenowia*, 19(1): 31 (1989); *C. dorycniifolia* f. *reeseana*.

CYTISUS (Legumin.).

- moleiroi *J. Fernández Casas, Exsicc. nobis distrib.*, 3: 4 (1980)—Spain.
 rhodopnoa (*Webb & Berth.*) *Schouw, Forteg. Kjöb. Bot. Hav. Pl.*: 143 (1847); cf. *D.J. Mabberley* in *Taxon*, 33(3): 439 (1984); Basionym not stated.
 scoparius
 subsp. *bourgaei* (*Boiss.*) *S. Rivas-Martínez, F. Fernández González & D. Sánchez-Mata* in *Opusc. Bot. Pharm. Complutensis*, 2: 107 (1986); *Sarothamnus bourgaei*.
 striatus
 subsp. *megalanthus* (*Pau & Font Quer*) *S. Rivas-Martínez & D. Belmonte* in *Opusc. Bot. Pharm. Complutensis*, 5: 73 (1989); *Sarothamnus megalanthus*.

D

DABOECIA (Ericac.).

- cantabrica
 subsp. *azorica* (*Tutin & E.F. Warburg*) *D. McClintock* in *Bot. J. Linn. Soc.*, 101(3): 280 (1989); *D. azorica*.

DACRYDIUM (Podocarpace.).

- cornwalliana *D.J. de Laubenfels* in *Fl. Males.*, 10(3): 366 (1988)—New Guinea (W. Irian, Papua New Guinea).
 ericoides *D.J. de Laubenfels* in *Fl. Males.*, 10(3): 371 (1988)—Borneo (Sarawak).
 gracilis *D.J. de Laubenfels* in *Fl. Males.*, 10(3): 367 (1988)—Borneo (Sabah, Sarawak).
 leptophyllum (*Wasscher*) *D.J. de Laubenfels* in *Fl. Males.*, 10(3): 371 (1988); *Podocarpus leptophylla*.

DACRYODES (Burserac.).

- cuspidata (*Cuatrec.*) *D.C. Daly* in *Brittonia*, 41(1): 25 (1989); *Trattinnickia cuspidata*.

DACTYLAEA Fedde ex *H. Wolff* in Fedde, Repert,

- 27: 304 (1930), descr. gen.-spec. *UMBELLIFERAE*. †

×DACTYLEUCORCHIS (Orchidac.).

- albucina (*Ciferri & Giacomini*) *L.V. Aver'yanov* in *Bot. Zhurn.*, 71(1): 93 (1986); ×*Leucorchis albucina*.
 bulgarica *D. Lindig* in *Orchidee*, 38(2): 101 (1987)—Bulgaria. (*Dactylorhiza cordigera* × *Leucorchis albida*).

DACTYLICAPNOS (Papaverac.).

- sect. *Minicalcara* (*Khahn*) *M. Lidén* in *Op. Bot.*, 88: 20 (1986); *Dicentra* sect. *Minicalcara*.

DACTYLIS (Gramin.).

- glomerata
 subsp. *hylodes* (*Parker*) *J. Holub* in *Folia Geobot. Phytotax.*, 23(4): 413 (1988); *D. smithii* subsp. *hylodes*.
 var. *marina* (*Borrill*) *M. Speranza & G. Cristofolini* in *Webbia*, 39(2): 394 (1986); *D. marina*.
 subsp. *oceanica* *G. Guignard* in *Bull. Soc. Bot. France, Lett. Bot.*, 132(4-5): 346 (1985 publ. 1986)—France.
 hyrcana (*Tzvel.*) *S.G. Muev* in *Bot. Zhurn.*, 72(1): 94 (1987); *D. glomerata* subsp. *hyrcana*.
 pendula (*Dumort.*) *B.D. Jackson* in *Index Kewensis*, 1: 709 (1753-1885 publ. 1893); *D. glomerata* * (subsp.) *pendula*.
 spicata (*Pamp.*) *A. Guglielmo & C. Scalia* in *Boll. Accad. Gioenia Sci. Nat. Catania*, 18(325): 234 (1985); *D. glomerata* var. *spicata*.

DACTYLOCARDAMUM *I.A. Al-Shehbaz* in *J. Arnold Arbor.*, 70(4): 519 (1989). *CRUCIFERAE*.

- imbricatifolium *I.A. Al-Shehbaz* in *J. Arnold Arbor.*, 70(4): 519 (1989)—Peru.

×DACTYLODENIA (Orchidac.).

- comigera (*Reichenb.*) *L.V. Aver'yanov* in *Bot. Zhurn.*, 71(1): 93 (1986); *Gymnadenia comigera*.
 cookei (*Hesl. Harr.*) *E. Peitz* in *Jahresber. Naturwiss. Ver. Wuppertal*, 25: 189 (1972); × *Orchigymnadenia cookei*.
 evansii (*Druce* ex *T. Stephenson & T.A. Stephenson*) *L.V. Aver'yanov* in *Bot. Zhurn.*, 71(1): 93 (1986); × *Orchigymnadenia evansii*.
 fuchsii (*Kell. & Soó*) *E. Peitz* in *Jahresber. Naturwiss. Ver. Wuppertal*, 25: 191 (1972); × *Orchigymnadenia fuchsii*.
 fuchsii (*G. Keller & Soó*) *L.V. Aver'yanov* in *Bot. Zhurn.*, 71(1): 93 (1986), isonym: × *Orchigymnadenia fuchsii*.
 gracilis (*A. Cam.*) *E. Peitz* in *Jahresber. Naturwiss. Ver. Wuppertal*, 25: 189 (1972); × *Orchigymnadenia gracilis*.
 gracilis (*A. Camus*) *L.V. Aver'yanov* in *Bot. Zhurn.*, 71(1): 93 (1986), isonym: × *Orchigymnadenia heinziana* var. *gracilis*.
 subsp. *sourekii* (*Prochazka*) *E. Peitz* in *Jahresber. Naturwiss. Ver. Wuppertal*, 25: 189 (1972); × *Dactylogymnadenia gracilis* subsp. *sourekii*.

× DACTYLODENDRIA :-

- hahnei* (Hoepfn.) E. Peitz in *Jahresber. Naturwiss. Ver. Wuppertal*, 25: 190 (1972): × Orchigymnadenia *hahnei*.
heinzliana (Reichardt) L.V. Aver'yanov in *Bot. Zhurn.*, 71(1): 93 (1986): Orchis *heinzliana*.
jeanjeanii (G. Keller) L.V. Aver'yanov in *Bot. Zhurn.*, 71(1): 93 (1986): × Orchigymnadenia *jeanjeanii*.
klungeana (Aschers. & Gr.) E. Peitz in *Jahresber. Naturwiss. Ver. Wuppertal*, 25: 191 (1972): × Orchigymnadenia *klungeana*.
klungeana (Aschers. & Graebn.) L.V. Aver'yanov in *Bot. Zhurn.*, 71(1): 93 (1986), isonym: × Orchigymnadenia *klungeana*.
lebrunii (E.G. Cam.) E. Peitz in *Jahresber. Naturwiss. Ver. Wuppertal*, 25: 190 (1972): Orchis-Gymnadenia *lebrunii*.
legrandiana (E.G. Cam.) E. Peitz in *Jahresber. Naturwiss. Ver. Wuppertal*, 25: 190 (1972): Gymnadenia *legrandiana*.
quintinii (Godfrey) L.V. Aver'yanov in *Bot. Zhurn.*, 71(1): 93 (1986), as 'st. quintinii': × Orchigymnadenia *st.-quintinii*.
regliana (Brugg.) E. Peitz in *Jahresber. Naturwiss. Ver. Wuppertal*, 25: 191 (1972): Orchis *regliana*.
souppensis (E.G. Cam.) E. Peitz in *Jahresber. Naturwiss. Ver. Wuppertal*, 25: 190 (1972): Gymnadenia *souppensis*.
souppensis (E.G. Camus) L.V. Aver'yanov in *Bot. Zhurn.*, 71(1): 93 (1986), isonym: Gymnadenia *souppensis*.
toussaintiorum D. Tyteca & J.-L. Gathoye in *Orchidophile*, 81: 60 (1988)—France. (Dactylorhiza *brennensis* × Gymnadenia *conopsea*).
varia (T. Stephenson & T.A. Stephenson) L.V. Aver'yanov in *Bot. Zhurn.*, 71(1): 93 (1986): × Orchigymnadenia *varia*.
vitensis M. Jagiello in *Folia Geobot. Phytotax.*, 23(1): 96 (1988)—Bulgaria. (Dactylorhiza *cordigera* × Gymnadenia *conopsea*).
vollmannii (M. Schulze) E. Peitz in *Jahresber. Naturwiss. Ver. Wuppertal*, 25: 189 (1972): × Orchigymnadenia *vollmannii*.
vollmannii (Schulze) L.V. Aver'yanov in *Bot. Zhurn.*, 71(1): 93 (1986), isonym: × Orchigymnadenia *vollmannii*.
wintonii (Quirk) E. Peitz in *Jahresber. Naturwiss. Ver. Wuppertal*, 25: 191 (1972): *Habenaria wintonii*.
wintonii (Druce) L.V. Aver'yanov in *Bot. Zhurn.*, 71(1): 93 (1986), isonym: *Habenaria wintonii*.
zollikoferi (Stoj.) E. Peitz in *Jahresber. Naturwiss. Ver. Wuppertal*, 25: 191 (1972): Orchis *zollikoferi*.

× DACTYLOGLOSSUM (Orchidac.).

- sennholzii* E. Peitz in *Jahresber. Naturwiss. Ver. Wuppertal*, 25: 189 (1972), nom. nov.: Orchis *erdingeri* Sennh.
ullmannii (Hall) E. Peitz in *Jahresber. Naturwiss. Ver. Wuppertal*, 25: 189 (1972), basionym not validly publ.: Orchis *ullmannii*.

DACTYLORHIZA (Orchidac.).

- sect. Romanae* E. Klein & D. Strack in *Phytochemistry*, 28(8): 2136 (1989).
× *abeliana* (Kl.) E. Peitz in *Jahresber. Naturwiss. Ver. Wuppertal*, 25: 173 (1972), without basionym page: Orchis *traunsteineri* f. *abeliana*.
amblyoloba (Neuski) L.V. Aver'yanov in *Novosti Sist. Vyssh. Rast.*, 26: 47 (1989): Orchis *amblyoloba*.
× *baicalica* L.V. Aver'yanov in *Bot. Zhurn.*, 71(1): 92 (1986)—U.S.S.R. (Siberia). (D. *cruenta* × *salina*).
battandieri C. Raynaud, *Orchid. Maroc*: 62 (1985)—Algeria.
bohemica R. Businský in *Preslia*, 61(4): 296 (1989)—Czechoslovakia.
× *bourdonii* D. Tyteca & J.-L. Gathoye in *Orchidophile*, 81: 59 (1988)—France. (D. *brennensis* × *incarnata*).
brennensis (Nelson) D. Tyteca & J.-L. Gathoye in *Orchidophile*, 81: 58 (1988): D. *elata* subsp. *brennensis*.
caramulensis (Vermeulen) D. Tyteca in *Orchidophile*, 88: 155 (1989): D. *maculata* subsp. *caramulensis*.
cordigera
var. vermionica B. & E. Willing in *Ber. Arbeitskr. Heim. Orch.*, 4(1): 36 (1987)—Greece.
× *dufftii* (Hauskn.) E. Peitz in *Jahresber. Naturwiss. Ver. Wuppertal*, 25: 176 (1972): Orchis *dufftii*.

DACTYLORHIZA :-

- elata*
f. alba (Soó) C. Raynaud, *Orchid. Maroc*: 103 (1985): Orchis *elata* f. *alba*.
var. elongata (Maire) C. Raynaud, *Orchid. Maroc*: 103 (1985): Orchis *elata* var. *elongata*.
f. leucantha (Maire & Weiller) C. Raynaud, *Orchid. Maroc*: 104 (1985): Orchis *elata* f. *leucantha*.
subvar. maroccanica (Soó) C. Raynaud, *Orchid. Maroc*: 104 (1985): Orchis *elata* f. *maroccanica*.
f. pallida (Maire & Weiller) C. Raynaud, *Orchid. Maroc*: 104 (1985): Orchis *elata* f. *pallida*.
f. peltieri (Soó) C. Raynaud, *Orchid. Maroc*: 103 (1985): Orchis *elata* f. *peltieri*.
subvar. speciosissima (Soó) C. Raynaud, *Orchid. Maroc*: 103 (1985): Orchis *elata* f. *speciosissima*.
subvar. stephensonii (Maire & Weiller) C. Raynaud, *Orchid. Maroc*: 103 (1985): Orchis *elata* subvar. *stephensonii*.
elodes (Griseb.) P. Englmaier in *Abh. Zool.-Bot. Ges. Osterr.*, 22: 107 (1984), without basionym page: Orchis *elodes*.
× *estonica* M. Jagiello & V. Kuusk in *Fragm. Flor. Geobot.*, 34(3-4): 328 (1989)—U.S.S.R. (Baltic States). (D. *fuchsii* × *ruthei*).
fistulosa
subsp. alpestris (Pugsley) H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 20(3): 628 (1988): Orchis *alpestris*.
flavescens (Koch) E.M. Seifulin in S.K. Cherepanov, *Opred. khvoshcheobraznykh ... rastenii Turkmenistana*: 278 (1978), isonym; see J. Holub in *Folia Geobot. Phytotax.*, 11(1): 83 (1976): Orchis *flavescens*.
× *fourkensis* B. & E. Willing in *Ber. Arbeitskr. Heim. Orch.*, 4(1): 61 (1987)—Greece. (D. *baumanniana* × *sambucina*).
fuchsii
var. alpina (Landwehr) R.M. Bateman & I. Denholm in *Watsonia*, 17(3): 341 (1989): D. *fuchsii* f. *alpina*.
var. hebridensis (Wilmott) R.M. Bateman & I. Denholm in *Watsonia*, 17(3): 340 (1989): Orchis *hebridensis*.
var. okellyi (Druce) R.M. Bateman & I. Denholm in *Watsonia*, 17(3): 342 (1989): Orchis *maculata* var. *okellyi*.
× *godferyana* (Soó) E. Peitz in *Jahresber. Naturwiss. Ver. Wuppertal*, 25: 177 (1972): Orchis *godferyana*.
hebridensis (Wilmott) L.V. Aver'yanov in *Bot. Zhurn.*, 71(1): 92 (1986); et in *Spis. Rast. Gerb. Fl. SSSR*, 25(127-130): 26 (1986); et in *Novosti Sist. Vyssh. Rast.*, 26: 50 (1989): Orchis *hebridensis*.
× *hochreutineriana* (Hellmayr) L.V. Aver'yanov in *Bot. Zhurn.*, 71(1): 92 (1986): Orchis *hochreutineriana*.
incarnata
subsp. pyrenaica M. Balayer in *Bull. Soc. Bot. France, Lett. Bot.*, 133(3): 280 (1986)—France.
var. versicolor (Schmidt & Lüscher) E. Peitz in *Jahresber. Naturwiss. Ver. Wuppertal*, 25: 174 (1972): Orchis *incarnata* var. *versicolor*.
insularis (Moris) P. Englmaier in *Abh. Zool.-Bot. Ges. Osterr.*, 22: 105 (1984): Orchis *sambucina* var. *insularis*.
× *ishorica* L.V. Aver'yanov in *Bot. Zhurn.*, 71(1): 93 (1986)—U.S.S.R. (European Russia). (D. *baltica* × *incarnata*).
× *jestrebienensis* R. Businský in *Preslia*, 61(4): 306 (1989)—Czechoslovakia. (D. *bohemica* × *majalis* subsp. *majalis*).
× *kerasovinensis* B. & E. Willing in *Ber. Arbeitskr. Heim. Orch.*, 3(2): 217 (1986 publ. 1987)—Greece. (D. *pindica* × *saccifera*).
kerryensis
subsp. occidentalis (Pugsley) H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 20(3): 629 (1988): Orchis *majalis* var. *occidentalis*.
× *koutsourana* B. & E. Willing in *Ber. Arbeitskr. Heim. Orch.*, 6(1): 36 (1989)—Greece. (D. *baumanniana* × *smolikana*).
latifolia
f. rubra (Winterl) D. Tyteca & J.L. Gathoye in *Orchidophile*, 92: 112 (1990): Orchis *sambucina* var. *rubra*.
macedonica J. Hölzinger & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 20(1): 191 (1988)—Greece.

DACTYLORHIZA :-

- maculata*
var. averyanovii M. Jagiello in *Fragm. Flor. Geobot.*, 31-32(3-4): 369 (1986-87 publ. 1988)—Poland.
subsp. battandieri (Raynaud) H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 20(3): 631 (1988): D. *battandieri*.
subsp. hebridensis (Wilmott) H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 20(3): 631 (1988): Orchis *hebridensis*.
subsp. okellyi (Druce) H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 20(3): 632 (1988): Orchis *maculata* var. *okellyi*.
var. pseudoelata M. Balayer in *Bull. Soc. Bot. France, Lett. Bot.*, 133(3): 280 (1986), as 'pseudo-elata'—France.
majalis
var. druceoides M. Balayer in *Bull. Soc. Bot. France, Lett. Bot.*, 133(3): 280 (1986)—France.
maurisia (Emb. & Maire) C. Raynaud, *Orchid. Maroc*: 59 (1985): Orchis *maurisia*.
× *pardalina* (Pugsley) L.V. Aver'yanov in *Bot. Zhurn.*, 71(1): 93 (1986): Orchis *pardalina*.
× *paridaeniana* C.A.J. Kreutz in *Euroorchis*, 2: 65 (1990), contrary to Art. H.5.2 ICBN (1988)—Netherlands. (D. *elata* subsp. *sesquipedalis* × *praetermissa*).
pindica B. & E. Willing in *Ber. Arbeitskr. Heim. Orch.*, 3(2): 215 (1986 publ. 1987)—Greece.
praetermissa
var. maculosa D. Tyteca & J.L. Gathoye in *Orchidophile*, 92: 112 (1990)—Belgium.
× *prochazkana* R. Businský in *Preslia*, 61(4): 305 (1989)—Czechoslovakia. (D. *bohemica* × *maculata* subsp. *maculata*).
× *robertsii* L.V. Aver'yanov in *Bot. Zhurn.*, 71(1): 93 (1986), without latin descr.—Great Britain.
× *salictina* B. & E. Willing in *Ber. Arbeitskr. Heim. Orch.*, 6(1): 35 (1989)—Greece. (D. *pindica* × *smolikana*).
sambucina
var. hybrida (Zimm.) E. Peitz in *Jahresber. Naturwiss. Ver. Wuppertal*, 25: 178 (1972): Orchis *sambucina* lus. *hybrida*.
savogiensis D. Tyteca & J.L. Gathoye in *Orchidophile*, 92: 108 (1990)—France.
smolikana B. & E. Willing in *Ber. Arbeitskr. Heim. Orch.*, 6(1): 33 (1989)—Greece.
× *souflikensis* B. & E. Willing in *Ber. Arbeitskr. Heim. Orch.*, 4(1): 60 (1987)—Greece. (D. *baumanniana* × *pindica*).
× *stagni-novi* D. Tyteca & J.-L. Gathoye in *Orchidophile*, 81: 58 (1988)—France. (D. *brennensis* × *fuchsii*).
vestita (Lagasca & Rodriguez) L.V. Aver'yanov in *Bot. Zhurn.*, 71(1): 92 (1986): Orchis *vestita*.
× *vorasica* B. & E. Willing in *Ber. Arbeitskr. Heim. Orch.*, 4(1): 63 (1987)—Greece. (D. *cordigera* × *sambucina*).

DAEMONOROPS (Palmae).

- maculata* J. Dransfield in *Kew Bull.*, 45(1): 76 (1990)—Borneo (Sarawak).
polita E.S. Fernando in *Gard. Bull. Singapore*, 41(2): 56 (1988 publ. 1989)—Philippine Is.

DAENIKERANTHUS M.G. Baumann-Bodenheim,

- Syst. Fl. Neu-Caledonien*, 5: 76 (1989), nom. nov., without replaced synonym ref.: *Dracophyllum* author not stated (Eupaciadac.).
alticolus (Däniker) M.G. Baumann-Bodenheim, *Syst. Fl. Neu-Caledonien*, 5: 76 (1989), generic name not validly publ.: *Dracophyllum alticolus*.

DAHLGRENODENDRON J.J.M. van der Merwe & A.E. van Wyk in S. Afr. J. Bot., 54(1): 80 (1988).

- LAURACEAE.
natalense (J.H. Ross) J.J.M. van der Merwe & A.E. van Wyk in S. Afr. J. Bot., 54(1): 82 (1988): *Beilschmiedia natalensis*.

DAHLIA (Compos.).

- arborea* Huber, *Dahlia arborea*: 1 (1870); *Revue horticole*, 42: 203 (1870); cf. D.J. Mabberley in *Taxon*, 34(3): 453 (1985)—Locality not stated.
congestifolia P.D. Sørensen in *Rhodora*, 89(858): 198 (1987)—Mexico.

DARWINIOTHAMNUS (Compos.).

- alternifolius *J.E. Lawesson & H. Adersen in Op. Bot.*, 92: 10 (1987)—Galapagos Is.
 lancifolius
subsp. glabriusculus (Stewart) J.E. Lawesson & H. Adersen in Op. Bot., 92: 13 (1987), without basionym page: *Erigeron lancifolius* var. *glabriusculus*.

DASIPHORA (Rosac.).

- arbuscula (*D. Don*) *J. Soják in Čas. Nár. Muz. (Prague)*, 152(1): 19 (1983): *Potentilla arbuscula*.
 glabra (*Lodd.*) *J. Soják in Cas. Nár. Muz. (Prague)*, 152(1): 19 (1983): *Potentilla glabra*.
 ×glabrata (*Willd. ex Schlecht.*) *J. Soják in Čas. Nár. Muz. (Prague)*, 152(1): 19 (1983): *Potentilla glabrata*.
 ×rehderiana (*Hand.-Mazz.*) *J. Soják in Čas. Nár. Muz. (Prague)*, 152(1): 19 (1983): *Potentilla rehderiana*.
 reticulata (*Bert.*) *J. Soják in Cas. Nár. Muz. (Prague)*, 152(1): 19 (1983): *Potentilla reticulata*.
 ×veitchii (*Wils.*) *J. Soják in Cas. Nár. Muz. (Prague)*, 152(1): 19 (1983): *Potentilla veitchii*.

DASISPERMUM (Umbellif.).

- suffruticosum (*Bergius*) *B.L. Burtt in Notes Roy. Bot. Gard. Edinburgh*, 45(1): 93 (1988): *Conium suffruticosum*.

DASYCONDYLUS (Compos.).

- hirsutissimus (*Baker*) *R.M. King & H. Robinson in Phytologia*, 60(1): 80 (1986): *Eupatorium hirsutissimum*.

DATURA (Solanac.).

- gigantea *Huber, Cat. Graines 1867*: 4 (1867); *Wochenschrift*, 10: 101 (1867); *cf. D.J. Mabberley in Taxon*, 34(3): 450 (1985)—Locality not stated.
 lanosa *Barclay ex R.A. Bye in Phytologia*, 61(3): 204 (1986)—Mexico.
 nanakii *S.C. Pandeya & A.B. Bhatt in Beitr. Biol. Pfl.*, 64(2): 266 (1989), as 'nanakai'—India.

DAUBENTONIA (Legumin.).

- versicolor *Huber, Cat. Print. 1865*: 4 (1865); *cf. D.J. Mabberley in Taxon*, 34(3): 450 (1985)—Locality not stated.

DAUCUS (Umbellif.).

- egyptiacus *Hort. Wirc. ex Hornem., Hort. Hafn.*: 271 (1813); *cf. D.J. Mabberley in Taxon*, 33(3): 437 (1984)—Locality not stated.
 bactrianus *A. Bunge, Beitr. Fl. Russl.*: 136 (1852)—U.S.S.R. (Middle Asia).†

DAVIDSEA T.R. Soderstrom & R.P. Ellis in

- Smithsonian Contrib. Bot.*, 72: 59 (1988).
GRAMINEAE.
 attenuata (*Thwaites*) *T.R. Soderstrom & R.P. Ellis in Smithsonian Contrib. Bot.*, 72: 59 (1988): *Bambusa attenuata*.

DAVIESIA (Legumin.).

- nova-anglica *M.D. Crisp in Austral. Syst. Bot.*, 3(2): 245 (1990)—Australia (New South Wales).
 quoquoversus *M.D. Crisp in Austral. Syst. Bot.*, 3(2): 249 (1990)—Australia (Queensland).

DEBREGEASIA (Urticac.).

- squamata
f. etuberculata C.M. Wilmot-Dear in Kew Bull., 43(4): 687 (1988), nom. nov.: *D. dentata Hook. f.*

DECACHAETA (Compos.).

- pyramidalis (*B.L. Robins.*) *S. Sundberg, C.P. Cowan & B.L. Turner in Amer. J. Bot.*, 73(1): 37 (1986): *Piqueria pyramidalis*.

DECASCHISTIA (Malvac.).

- cuddapahensis *T.K. Paul & M.P. Nayar in Geobios New Rep.*, 2(2): 156 (1983)—India.
 occidentalis *A.S. Mitchell ex L.A. Craven & P.A. Fryxell in Austral. Syst. Bot.*, 2(4): 464 (1989)—Australia (W. Australia).
 peninsularis *L.A. Craven & P.A. Fryxell in Austral. Syst. Bot.*, 2(4): 461 (1989)—Australia (Queensland).

DEGENERIA (Degeneriac.).

- roseiflora *J.M. Miller in J. Arnold Arbor.*, 69(3): 277 (1988)—Fiji.

DEHERAINIA (Theophrastac.).

- smaragdina
subsp. occidentalis B. Ståhl in Nordic J. Bot., 9(1): 20 (1989)—Mexico.

DEINBOLLIA (Sapindac.).

- angustifolia *D.W. Thomas in Ann. Missouri Bot. Gard.*, 73(1): 219 (1986)—Cameroun.
 unijuga *D.W. Thomas in Ann. Missouri Bot. Gard.*, 73(1): 219 (1986)—Cameroun.

DEINOCHEILOS W.T. Wang in *Guihaia*, 6(1–2): 1 (1986). **GESNERIACEAE.**

- jiangxiense *W.T. Wang in Guihaia*, 6(1–2): 4 (1986)—China.
 sichuanense *W.T. Wang in Guihaia*, 6(1–2): 2 (1986)—China.

DEIREGYNE (Orchidac.).

- nelsonii (*Greenman*) *P. Burns-Balogh in Orquidea (México)*, 11: 140 (1988): *Spiranthes nelsonii*.
subsp. obtusa (Schltr.) P. Burns-Balogh in Orquidea (México), 11: 143 (1988): *Spiranthes obtusa*.
subsp. oestlundii P. Burns-Balogh in Orquidea (México), 11: 143 (1988)—Mexico.
subsp. pulchra (Schltr.) P. Burns-Balogh in Orquidea (México), 11: 142, 212 (1988): *Spiranthes pulchra*.
 nonantzin (*González Tamayo ex McVaugh*) *P.M. Catling in Lindleyana*, 4(4): 186 (1989): *Spiranthes nonantzin*.
 pyramidalis (*Lindl.*) *P. Burns-Balogh in Orquidea (México)*, 10(1): 92 (1986): *Spiranthes pyramidalis*.
 riodelayensis *P. Burns-Balogh in Orquidea (México)*, 11: 151 (1988)—Mexico.
 tenuiflora (*Greenm.*) *P. Burns-Balogh in Orquidea (México)*, 10(1): 92 (1986): *Spiranthes tenuiflora*.

- ×**DEISELARA** hort. in *Orchid Rev.*, 97(1144): centre page pull-out p. 8 (1989). **ORCHIDACEAE.** (*Laelia* × *Schomburgkia* × *Sophranitis*).

DELARBREA (Araliac.).

- montana
subsp. arborea (Vieill. ex R. Viguier) P.P. Lowry in Allertonia, 4(3): 196 (1986): *D. montana* var. *arborea*.
 paradoxa
subsp. depauperata P.P. Lowry in Allertonia, 4(3): 181 (1986)—New Caledonia.

DELISSEA (Campanulac.).

- aculeatiflora (*Rock*) *H. St. John in Phytologia*, 63(2): 79 (1987): *Cyanea aculeatiflora*.
 acuminata
var. calycina (Hosaka) H. St. John in Phytologia, 63(2): 80 (1987): *Cyanea acuminata* var. *calycina*.
f. latifolia (Wawra) H. St. John in Phytologia, 63(2): 79 (1987): *D. acuminata* var. *latifolia*.
 acuta *H. St. John in Phytologia*, 64(3): 165 (1988)—Hawaiian Is.
 alba *H. St. John in Phytologia*, 63(5): 339 (1987)—Hawaiian Is.
 albilineata *H. St. John in Phytologia*, 63(5): 339 (1987)—Hawaiian Is.
 angusta *H. St. John in Phytologia*, 64(3): 165 (1988)—Hawaiian Is.
 angustifolia
f. elliptica (Rock) H. St. John in Phytologia, 63(2): 80 (1987): *Cyanea angustifolia* f. *elliptica*.
var. hillebrandii (Rock) H. St. John in Phytologia, 63(2): 80 (1987): *Cyanea angustifolia* var. *hillebrandii*.
var. isabella (E. Wimm.) H. St. John in Phytologia, 63(2): 80 (1987): *Cyanea angustifolia* var. *isabella*.
var. lanaiensis (Rock) H. St. John in Phytologia, 63(2): 80 (1987): *Cyanea angustifolia* var. *lanaiensis*.
f. lanaiensis (Rock) H. St. John in Phytologia, 63(2): 80 (1987): *Cyanea angustifolia* var. *lanaiensis*.
var. racemosa (Hillebr.) H. St. John in Phytologia, 63(2): 80 (1987): *Cyanea angustifolia* var. *racemosa*.

DELISSEA :—

- f. subpubescens (E. Wimm.) H. St. John in Phytologia*, 63(2): 80 (1987): *Cyanea angustifolia* f. *subpubescens*.
var. tomentella (Hillebr.) H. St. John in Phytologia, 63(2): 80 (1987): *Cyanea angustifolia* var. *tomentella*.
 angustior *H. St. John in Phytologia*, 64(3): 165 (1988)—Hawaiian Is.
 asarifolia (*St. John*) *H. St. John in Phytologia*, 63(2): 81 (1987): *Cyanea asarifolia*.
 atra (*Hillebr.*) *H. St. John in Phytologia*, 63(2): 81 (1987): *Cyanea atra*.
var. lobata (Rock) H. St. John in Phytologia, 63(2): 81 (1987): *Cyanea atra* var. *lobata*.
 aurantiaca *H. St. John in Phytologia*, 64(3): 172 (1988)—Hawaiian Is.
 baldwinii (*Forbes & Munro*) *H. St. John in Phytologia*, 63(2): 81 (1987): *Cyanea baldwinii*.
 bicolor (*St. John*) *H. St. John in Phytologia*, 63(2): 81 (1987): *Cyanea bicolor*.
 bishopii (*Rock*) *H. St. John in Phytologia*, 63(2): 81 (1987): *Cyanea bishopii*.
 bondiana (*Rock*) *H. St. John in Phytologia*, 63(2): 81 (1987): *Cyanea pilosa* var. *bondiana*.
 brevipedicellata *H. St. John in Phytologia*, 63(5): 339 (1987)—Hawaiian Is.
 bryanii (*Rock*) *H. St. John in Phytologia*, 63(2): 81 (1987): *Cyanea bryanii*.
 carlsonii (*Rock*) *H. St. John in Phytologia*, 63(2): 81 (1987): *Cyanea carlsonii*.
 cataracta *H. St. John in Phytologia*, 63(5): 339 (1987)—Hawaiian Is.
 chartacea *H. St. John in Phytologia*, 63(5): 340 (1987)—Hawaiian Is.
 chockii (*Rock*) *H. St. John in Phytologia*, 63(2): 81 (1987): *Cyanea chockii*.
 christensenii *H. St. John in Phytologia*, 63(5): 340 (1987)—Hawaiian Is.
 comata (*Hillebr.*) *H. St. John in Phytologia*, 63(2): 81 (1987): *Cyanea comata*.
 copelandii (*Rock*) *H. St. John in Phytologia*, 63(2): 81 (1987): *Cyanea copelandii*.
 coriacea
var. degeneriana (E. Wimm.) H. St. John in Phytologia, 63(2): 82 (1987): *Cyanea coriacea* var. *degeneriana*.
var. deltoidea H. St. John in Phytologia, 63(5): 340 (1987)—Hawaiian Is.
var. gratiosa (E. Wimm.) H. St. John in Phytologia, 63(2): 82 (1987): *Cyanea coriacea* f. *gratiosa*.
var. hardyi (Rock) H. St. John in Phytologia, 63(2): 82 (1987): *Cyanea hardyi*.
var. haupuensis H. St. John in Phytologia, 63(5): 340 (1987)—Hawaiian Is.
var. lumahaiensis H. St. John in Phytologia, 63(5): 340 (1987)—Hawaiian Is.
var. serratifolia (Rock) H. St. John in Phytologia, 63(2): 82 (1987): *Cyanea coriacea* var. *serratifolia*.
 coronata (*E. Wimm.*) *H. St. John in Phytologia*, 63(2): 82 (1987): *Cyanea coronata*.
 crispohirta (*E. Wimm.*) *H. St. John in Phytologia*, 63(2): 82 (1987): *Cyanea crispohirta*.
 decumbens *H. St. John in Phytologia*, 63(5): 340 (1987)—Hawaiian Is.
 degeneriana (*E. Wimm.*) *H. St. John in Phytologia*, 63(2): 82 (1987): *Cyanea degeneriana*.
 deltoidea *H. St. John in Phytologia*, 63(5): 340 (1987)—Hawaiian Is.
 densiflora (*Rock*) *H. St. John in Phytologia*, 63(2): 82 (1987): *Cyanea pilosa* var. *densiflora*.
 dentata (*E. Wimm.*) *H. St. John in Phytologia*, 63(2): 82 (1987): *Cyanea dentata*.
 denticulata *H. St. John in Phytologia*, 63(5): 341 (1987)—Hawaiian Is.
 divergens *H. St. John in Phytologia*, 63(5): 341 (1987)—Hawaiian Is.
 dunbariae (*Rock*) *H. St. John in Phytologia*, 63(2): 82 (1987): *Cyanea dunbariae*.
 duploserrata *H. St. John in Phytologia*, 63(5): 341 (1987)—Hawaiian Is.
 eleeleensis *H. St. John in Phytologia*, 63(5): 341 (1987)—Hawaiian Is.
 excurrens *H. St. John in Phytologia*, 63(5): 342 (1987)—Hawaiian Is.
 fauriei (*H. Lévl.*) *H. St. John in Phytologia*, 63(5): 342 (1987): *Cyanea fauriei*.

DELISSEA :-

- fernaldii (Rock) H. St. John in *Phytologia*, 63(2): 82 (1987): *Cyanea fernaldii*.
 ferox (Hillebr.) H. St. John in *Phytologia*, 63(2): 82 (1987): *Cyanea ferox*.
 var. laevicalyx (Skotts.) H. St. John in Phytologia, 63(2): 82 (1987): *Cyanea ferox* var. *laevicalyx*.
 floribunda (E. Wimm.) H. St. John in *Phytologia*, 63(2): 83 (1987): *Cyanea floribunda*.
 forbesii H. St. John in *Phytologia*, 63(2): 83 (1987), nom. nov.: *Cyanea undulata* Forbes.
 fruticosa H. St. John in *Phytologia*, 63(5): 342 (1987)—Hawaiian Is.
 gayana (Rock) H. St. John in *Phytologia*, 63(2): 83 (1987): *Cyanea gayana*.
 var. duvelii (Rock) H. St. John in Phytologia, 63(2): 83 (1987): *Cyanea gayana* var. *duvelii*.
 var. wainihaensis (Rock) H. St. John in Phytologia, 63(2): 83 (1987): *Cyanea gayana* var. *wainihaensis*.
 gibsonii (Hillebr.) H. St. John in *Phytologia*, 63(2): 83 (1987): *Cyanea gibsonii*.
 giffardii (Rock) H. St. John in *Phytologia*, 63(2): 83 (1987): *Cyanea giffardii*.
 glabra (E. Wimm.) H. St. John in *Phytologia*, 63(2): 83 (1987): *Cyanea knudsenii* var. *glabra*.
 glabrifolia H. St. John in *Phytologia*, 63(5): 342 (1987)—Hawaiian Is.
 globosa H. St. John in *Phytologia*, 64(3): 165 (1988)—Hawaiian Is.
 grimesiana (Gaud.) H. St. John in *Phytologia*, 63(2): 83 (1987): *Cyanea grimesiana*.
 var. cylindrocalyx (Rock) H. St. John in Phytologia, 63(2): 83 (1987): *Cyanea grimesiana* var. *cylindrocalyx*.
 var. hirsutifolia (Rock) H. St. John in Phytologia, 63(2): 83 (1987): *Cyanea grimesiana* var. *hirsutifolia*.
 var. lydgatei (Rock) H. St. John in Phytologia, 63(2): 83 (1987): *Cyanea grimesiana* var. *lydgatei*.
 var. mauiensis (Rock) H. St. John in Phytologia, 63(2): 84 (1987): *Cyanea grimesiana* var. *mauiensis*.
 var. munroi (Hosaka) H. St. John in Phytologia, 63(2): 84 (1987): *Cyanea grimesiana* var. *munroi*.
 var. obatae (St. John) H. St. John in Phytologia, 63(2): 83 (1987): *Cyanea grimesiana* var. *obatae*.
 habenata H. St. John in *Phytologia*, 63(5): 342 (1987)—Hawaiian Is.
 haleakalaensis (St. John) H. St. John in *Phytologia*, 63(2): 84 (1987): *Cyanea haleakalaensis*.
 hamatiflora (Rock) H. St. John in *Phytologia*, 63(2): 84 (1987): *Cyanea hamatiflora*.
 hanaensis (St. John) H. St. John in *Phytologia*, 64(3): 165 (1988), without exact basionym page: *Cyanea hanaensis*.
 hirtella
 var. striata (E. Wimm.) H. St. John in Phytologia, 63(2): 84 (1987): *Cyanea hirtella* var. *striata*.
 var. subglabra (E. Wimm.) H. St. John in Phytologia, 63(2): 84 (1987): *Cyanea hirtella* var. *subglabra*.
 holophylla (Hillebr.) H. St. John in *Phytologia*, 63(2): 84 (1987): *Cyanea holophylla*.
 var. obovata (Rock) H. St. John in Phytologia, 63(2): 84 (1987): *Cyanea holophylla* var. *obovata*.
 horrida (Rock) H. St. John in *Phytologia*, 63(2): 84 (1987): *Cyanea ferox* var. *horrida*.
 humilis (H. Wawra) H. St. John in *Phytologia*, 63(5): 342 (1987): *Cyanea humilis*.
 hypoleuca H. St. John in *Phytologia*, 63(5): 342 (1987)—Hawaiian Is.
 iliahiatilis H. St. John in *Phytologia*, 63(5): 343 (1987)—Hawaiian Is.
 impedicellata H. St. John in *Phytologia*, 63(5): 343 (1987)—Hawaiian Is.
 inermis H. St. John in *Phytologia*, 63(5): 343 (1987)—Hawaiian Is.
 inermis H. St. John in *Phytologia*, 64(3): 172 (1988)—Hawaiian Is.
 inflatispinosa H. St. John in *Phytologia*, 64(3): 165 (1988)—Hawaiian Is.
 kahiliensis H. St. John in *Phytologia*, 63(5): 343 (1987)—Hawaiian Is.
 kawalaensis H. St. John in *Phytologia*, 64(3): 166 (1988)—Hawaiian Is.

DELISSEA :-

- keaensis H. St. John in *Phytologia*, 63(5): 343 (1987)—Hawaiian Is.
 kealawalaensis H. St. John in *Phytologia*, 63(5): 343 (1987)—Hawaiian Is.
 kipahuluensis H. St. John in *Phytologia*, 64(3): 166 (1988)—Hawaiian Is.
 knudsenii (Rock) H. St. John in *Phytologia*, 63(2): 84 (1987): *Cyanea knudsenii*.
 kohalaensis H. St. John in *Phytologia*, 64(3): 166 (1988)—Hawaiian Is.
 kolekoleensis H. St. John in *Phytologia*, 63(5): 344 (1987)—Hawaiian Is.
 konaensis H. St. John in *Phytologia*, 59(5): 315 (1986)—Hawaiian Is.
 larrisonii (Rock) H. St. John in *Phytologia*, 63(2): 84 (1987): *Cyanea larrisonii*.
 latibasilaris H. St. John in *Phytologia*, 63(5): 344 (1987)—Hawaiian Is.
 latior H. St. John in *Phytologia*, 64(3): 166 (1988)—Hawaiian Is.
 lauliana T.G. Lammers in *Syst. Bot.*, 13(4): 505 (1988), nom. nov.: *D. laciniata* var. *parvifolia* Rock.
 leiophylla H. St. John in *Phytologia*, 63(5): 344 (1987)—Hawaiian Is.
 leptostegia (A. Gray) H. St. John in *Phytologia*, 63(2): 84 (1987): *Cyanea leptostegia*.
 var. velutina (Skotts.) H. St. John in Phytologia, 63(2): 85 (1987): *Cyanea leptostegia* var. *velutina*.
 ligulata H. St. John in *Phytologia*, 63(5): 344 (1987)—Hawaiian Is.
 limahuliensis H. St. John in *Phytologia*, 63(5): 344 (1987)—Hawaiian Is.
 linearifolia (Rock) H. St. John in *Phytologia*, 63(2): 85 (1987): *Cyanea linearifolia*.
 lobata (H. Mann) H. St. John in *Phytologia*, 63(2): 85 (1987): *Cyanea lobata*.
 var. hamakuae (Rock) H. St. John in Phytologia, 63(2): 85 (1987): *Cyanea lobata* var. *hamakuae*.
 longiantherae H. St. John in *Phytologia*, 63(5): 345 (1987)—Hawaiian Is.
 longicalyx H. St. John in *Phytologia*, 63(5): 345 (1987)—Hawaiian Is.
 longipedunculata (Rock) H. St. John in *Phytologia*, 63(2): 85 (1987): *Cyanea longipedunculata*.
 longissima (Rock) H. St. John in *Phytologia*, 63(2): 85 (1987): *Cyanea scabra* var. *longissima*.
 lumahaiensis H. St. John in *Phytologia*, 63(5): 345 (1987)—Hawaiian Is.
 lydgatei H. St. John in *Phytologia*, 63(5): 345 (1987), nom. nov.: *Cyanea undulata* Forbes.
 lyonii H. St. John in *Phytologia*, 64(3): 166 (1988)—Hawaiian Is.
 maceldowneyi (Rock) H. St. John in *Phytologia*, 63(2): 85 (1987): *Cyanea maceldowneyi*.
 macrostegia (Hillebr.) H. St. John in *Phytologia*, 63(2): 85 (1987): *Cyanea macrostegia*.
 var. parvibracteata (Rock) H. St. John in Phytologia, 63(2): 85 (1987): *Cyanea macrostegia* var. *parvibracteata*.
 var. viscosa (Rock) H. St. John in Phytologia, 63(2): 85 (1987): *Cyanea macrostegia* var. *viscosa*.
 magnifica (E. Wimm.) H. St. John in *Phytologia*, 63(2): 85 (1987): *Cyanea magnifica*.
 mariana (E. Wimm.) H. St. John in *Phytologia*, 63(2): 85 (1987): *Cyanea mariana*.
 marksii (Rock) H. St. John in *Phytologia*, 63(2): 85 (1987): *Cyanea marksii*.
 megacarpa (Rock) H. St. John in *Phytologia*, 63(2): 86 (1987): *Cyanea pilosa* var. *megacarpa*.
 membranacea (Rock) H. St. John in *Phytologia*, 63(2): 86 (1987): *Cyanea membranacea*.
 molokaiensis H. St. John in *Phytologia*, 64(3): 166 (1988)—Hawaiian Is.
 multiramosa H. St. John in *Phytologia*, 63(5): 345 (1987)—Hawaiian Is.
 multispicata (H. Lévl.) H. St. John in *Phytologia*, 63(2): 86 (1987): *Cyanea multispicata*.
 muriculata H. St. John in *Phytologia*, 64(3): 166 (1988)—Hawaiian Is.
 napaliensis H. St. John in *Phytologia*, 63(5): 345 (1987)—Hawaiian Is.
 nelsonii (St. John) H. St. John in *Phytologia*, 63(2): 86 (1987): *Cyanea nelsonii*.
 nemorosa H. St. John in *Phytologia*, 64(3): 167 (1988)—Hawaiian Is.

DELISSEA :-

- nigra H. St. John in *Phytologia*, 63(5): 346 (1987)—Hawaiian Is.
 noli-me-tangere (Rock) H. St. John in *Phytologia*, 63(2): 86 (1987): *Cyanea noli-me-tangere*.
 occultans (St. John) H. St. John in *Phytologia*, 63(2): 86 (1987): *Cyanea occultans*.
 olokuensis H. St. John in *Phytologia*, 64(3): 167 (1988)—Hawaiian Is.
 ovatisepala (E. Wimm.) H. St. John in *Phytologia*, 63(2): 86 (1987): *Cyanea ovatisepala*.
 palakea (C.N. Forbes) H. St. John in *Phytologia*, 63(2): 86 (1987): *Cyanea palakea*.
 paliensis H. St. John in *Phytologia*, 63(5): 346 (1987)—Hawaiian Is.
 parva H. St. John in *Phytologia*, 63(5): 346 (1987)—Hawaiian Is.
 perlmanii H. St. John in *Phytologia*, 63(5): 346 (1987), as 'perlmannii'—Hawaiian Is.
 pluriflora H. St. John in *Phytologia*, 63(5): 346 (1987)—Hawaiian Is.
 procera (Hillebr.) H. St. John in *Phytologia*, 63(2): 87 (1987): *Cyanea procera*.
 profuga (C.N. Forbes) H. St. John in *Phytologia*, 63(2): 87 (1987): *Cyanea profuga*.
 puberula H. St. John in *Phytologia*, 64(3): 167 (1988)—Hawaiian Is.
 pulchra (Rock) H. St. John in *Phytologia*, 63(2): 87 (1987): *Cyanea pulchra*.
 purpurea H. St. John in *Phytologia*, 63(5): 347 (1987)—Hawaiian Is.
 pycnocarpa (Hillebr.) H. St. John in *Phytologia*, 63(2): 87 (1987): *D. arborea* var. *pycnocarpa*.
 quercifolia (Hillebr.) H. St. John in *Phytologia*, 63(2): 87 (1987): *Cyanea solanacea* var. *quercifolia*.
 var. atropurpurea (E. Wimm.) H. St. John in Phytologia, 63(2): 87 (1987): *Cyanea quercifolia* var. *atropurpurea*.
 ramosa H. St. John in *Phytologia*, 63(5): 347 (1987)—Hawaiian Is.
 remyi (Rock) H. St. John in *Phytologia*, 63(2): 87 (1987): *Cyanea remyi*.
 robinsonii H. St. John in *Phytologia*, 63(5): 347 (1987)—Hawaiian Is.
 rockii (E. Wimm.) H. St. John in *Phytologia*, 63(2): 87 (1987): *Cyanea rockii*.
 rollandioides (Rock) H. St. John in *Phytologia*, 63(2): 87 (1987): *Cyanea rollandioides*.
 scabra (Hillebr.) H. St. John in *Phytologia*, 63(2): 88 (1987): *Cyanea scabra*.
 var. variabilis (Rock) H. St. John in Phytologia, 63(2): 88 (1987): *Cyanea scabra* var. *variabilis*.
 scopuli H. St. John in *Phytologia*, 63(5): 347 (1987)—Hawaiian Is.
 serratifolia (Rock) H. St. John in *Phytologia*, 63(5): 347 (1987); et in *Phytologia*, 64(3): 172 (1988): *Cyanea coriacea* var. *serratifolia*.
 sessilis H. St. John in *Phytologia*, 64(3): 167 (1988)—Hawaiian Is.
 shipmanii (Rock) H. St. John in *Phytologia*, 63(2): 88 (1987): *Cyanea shipmanii*.
 simplex H. St. John in *Phytologia*, 63(5): 348 (1987), as 'simples'—Hawaiian Is.
 f. maculata H. St. John in *Phytologia*, 63(5): 348 (1987)—Hawaiian Is.
 sinuata
 subsp. lanaiensis (Rock) T.G. Lammers in Syst. Bot., 13(4): 505 (1988): *D. sinuata* var. *lanaiensis*.
 solanacea (Hillebr.) H. St. John in *Phytologia*, 63(2): 88 (1987): *Cyanea solanacea*.
 solenocalyx (Hillebr.) H. St. John in *Phytologia*, 63(2): 88 (1987): *Cyanea solenocalyx*.
 var. latifolia (E. Wimm.) H. St. John in Phytologia, 63(2): 88 (1987): *Cyanea solenocalyx* var. *latifolia*.
 spatulata (Hillebr.) H. St. John in *Phytologia*, 63(2): 88 (1987): *Cyanea coriacea* var. *spatulata*.
 stictophylla (Rock) H. St. John in *Phytologia*, 63(2): 88 (1987): *Cyanea stictophylla*.
 var. inermis (Rock) H. St. John in Phytologia, 63(2): 88 (1987): *Cyanea stictophylla* var. *inermis*.
 subacuminata H. St. John in *Phytologia*, 63(5): 348 (1987)—Hawaiian Is.
 subintegra H. St. John in *Phytologia*, 63(5): 348 (1987)—Hawaiian Is.
 submuricata (E. Wimm.) H. St. John in *Phytologia*, 63(2): 89 (1987): *Cyanea submuricata*.

- DELISSEA** :-
 subobtusata *H. St. John in Phytologia*, 64(3): 167 (1988)—Hawaiian Is.
 subsessilis *H. St. John in Phytologia*, 63(5): 348 (1987)—Hawaiian Is.
 superba (*Cham.*) *H. St. John in Phytologia*, 63(2): 89 (1987): *Lobelia superba*.
 var. *velutina* (*Rock*) *H. St. John in Phytologia*, 63(2): 89 (1987): *Cyanea superba* var. *velutina*.
 sylvestris (*A. Heller*) *H. St. John in Phytologia*, 63(2): 89 (1987): *Cyanea sylvestris*.
 var. *eriantha* (*Skottsb.*) *H. St. John in Phytologia*, 63(2): 89 (1987): *Cyanea eriantha*.
 tritomantha (*A. Gray*) *H. St. John in Phytologia*, 63(2): 89 (1987): *Cyanea tritomantha*.
 var. *lydgatei* (*Rock*) *H. St. John in Phytologia*, 63(2): 89 (1987): *Cyanea tritomantha* var. *lydgatei*.
 truncata (*Rock*) *H. St. John in Phytologia*, 63(2): 89 (1987): *Rollandia truncata*.
 var. *juddii* (*C.N. Forbes*) *H. St. John in Phytologia*, 63(2): 89 (1987): *Cyanea juddii*.
 umbrosa *H. St. John in Phytologia*, 63(5): 348 (1987)—Hawaiian Is.
 undulata
 subsp. *kauaiensis* *T.G. Lammers in Syst. Bot.*, 13(4): 505 (1988)—Hawaiian Is.
 subsp. *niihauensis* (*H. St. John*) *T.G. Lammers in Syst. Bot.*, 13(4): 505 (1988): *D. niihauensis*.
 virgata *H. St. John in Phytologia*, 63(5): 349 (1987)—Hawaiian Is.
 waikamoiensis *H. St. John in Phytologia*, 64(3): 167 (1988)—Hawaiian Is.
 waikoluensis *H. St. John in Phytologia*, 64(3): 168 (1988)—Hawaiian Is.
 wailauensis (*Rock*) *H. St. John in Phytologia*, 63(2): 89 (1987): *Cyanea wailauensis*.
 waioliensis *H. St. John in Phytologia*, 63(5): 349 (1987)—Hawaiian Is.
 waipaensis *H. St. John in Phytologia*, 63(5): 349 (1987)—Hawaiian Is.
- DELPHINIUM** (*Ranunculac.*)
 sect. *Aconitoides* (*W.T. Wang*) *M. Tamura in Acta Phytotax. Geobot.*, 41(1-3): 100 (1990): *D. sect. Aconitoides*.
 sect. *Albocoeerulea* *N.I. Malyutin in Bot. Zhurn.*, 72(5): 689 (1987).
 subsect. *Albocoeerulea* *N.I. Malyutin in Bot. Zhurn.*, 72(5): 689 (1987).
 ser. *Balansa* *C. Blanché, J. Molero & J. Simon in Collect. Bot.*, 18: 70 (1990).
 subsect. *Bicoloria* (*Rydb.*) *N.I. Malyutin in Bot. Zhurn.*, 72(5): 687 (1987): *D. sect. Bicoloria*.
 subsect. *Caroliniana* *N.I. Malyutin in Bot. Zhurn.*, 72(5): 691 (1987).
 subsect. *Echinata* (*Ewan*) *N.I. Malyutin in Bot. Zhurn.*, 72(5): 689 (1987): *D. ser. Echinatae*.
 subsect. *Exaltata* *N.I. Malyutin in Bot. Zhurn.*, 72(5): 688 (1987).
 sect. *Grumosa* *N.I. Malyutin in Bot. Zhurn.*, 72(5): 689 (1987).
 subsect. *Kolobopetala* *N.I. Malyutin in Bot. Zhurn.*, 72(5): 687 (1987).
 subsect. *Macrocentra* *N.I. Malyutin in Bot. Zhurn.*, 72(5): 690 (1987).
 ser. *Macropetala* *C. Blanché, J. Molero & J. Simon in Collect. Bot.*, 18: 70 (1990).
 sect. *Microcentra* *N.I. Malyutin in Bot. Zhurn.*, 72(5): 689 (1987).
 sect. *Oligophyllum* *N.I. Malyutin in Bot. Zhurn.*, 72(5): 691 (1987).
 sect. *Paroligophyllum* *M. Tamura in Acta Phytotax. Geobot.*, 41(1-3): 101 (1990).
 subsect. *Pogonantha* *N.I. Malyutin in Bot. Zhurn.*, 72(5): 690 (1987).
 albocoeeruleum
 var. *latilobum* *Y.Z. Zhao in Acta Sci. Nat. Univ. Intramongolicae*, 19(4): 676 (1988)—China.
 anatolicum *H. Misirdali, H. Malyer & K.H.C. Baser in Istanbul Univ. Fen Fak. Mecm.*, B, 50: 113 (1985 publ. 1987)—Turkey.
 andersonii
 var. *scaposum* (*Greene*) *S.L. Welsh in Great Basin Nat.*, 46(2): 260 (1986): *D. scaposum*.
 angustirrhobicum *W.T. Wang in Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 9 (1986)—China.
- DELPHINIUM** :-
 baoshanense *W.T. Wang in Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 12 (1986)—China.
 brevisepalum *W.T. Wang in Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 22 (1986)—China.
 brunonianum
 var. *nordhagenii* (*Wendelbo*) *R.A. Qureshi & M.N. Chaudhri in Pakistan Syst.*, 4(1-2): 79 (1988): *D. nordhagenii*.
 carolinianum
 subsp. *calciphilum* *M.J. Warnock in Phytologia*, 68(1): 4 (1990)—U.S.A. (Tennessee, Alabama, Kentucky, Georgia).
 chayuense *W.T. Wang in Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 16 (1986)—Xizang.
 cilicicum *P.H. Davis & Kit Tan in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 267 (1986)—Turkey.
 conaense *W.T. Wang in Acta Phytotax. Sin.*, 25(1): 34 (1987)—Xizang.
 delavayi
 var. *lasiantrum* *W.T. Wang in Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 14 (1986)—China.
 denudatum
 var. *latifolium* *R.A. Qureshi & M.N. Chaudhri in Pakistan Syst.*, 3(1): 11 (1987)—Pakistan.
 var. *linearifolium* *R.A. Qureshi & M.N. Chaudhri in Pakistan Syst.*, 3(1): 11 (1987)—Pakistan.
 dolichocentroides
 var. *leiogyne* *W.T. Wang in Acta Bot. Yunnanica*, 8(3): 263 (1986)—China.
 var. *parvifolium* *W.T. Wang in Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 96 (1987)—China.
 fissum
 subsp. *albiflorum* (*DC.*) *W. Greuter & Burdet in Willdenowia*, 19(1): 44 (1989): *D. albiflorum*.
 subsp. *bolosii* (*Blanché & Molero*) *J. Vigo in O. de Bolos & J. Vigo, Fl. Països Catalans*, 2: 819 (1990): *D. bolosii*.
 subsp. *pallasii* (*Nevski*) *W. Greuter & Burdet in Willdenowia*, 19(1): 44 (1989): *D. pallasii*.
 grandiflorum
 var. *pilosum* *Y.Z. Zhao in Acta Sci. Nat. Univ. Intramongolicae*, 19(4): 677 (1988)—China.
 f. *roseolum* *Y.Z. Zhao in Acta Sci. Nat. Univ. Intramongolicae*, 19(4): 677 (1988)—China.
 gueneri *P.H. Davis in Fl. Turkey & E. Aegean Is.*, 10: 231, 16 (1988)—Turkey.
 hansenii
 subsp. *ewanianum* *M.J. Warnock in Phytologia*, 68(1): 3 (1990)—U.S.A. (California).
 hueizeense *W.T. Wang in Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 18 (1986)—China.
 incisolobulatum *W.T. Wang in Acta Phytotax. Sin.*, 25(1): 35 (1987)—Xizang.
 kaschgaricum *C.Y. Yang & B. Wang in Bull. Bot. Res. North-East. Forest. Inst.*, 9(1): 21 (1989)—Xinjiang.
 kohatense
 var. *gilgintense* (*Brühl*) *R.A. Qureshi & M.N. Chaudhri in Pakistan Syst.*, 4(1-2): 64 (1988): *D. saniculaefolium* var. *gilgintense*.
 kunlunshanicum *C.Y. Yang & B. Wang in Bull. Bot. Res. North-East. Forest. Inst.*, 9(1): 23 (1989)—Xinjiang.
 latirrhobicum *W.T. Wang in Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 7 (1986)—China.
 leiostachyum *W.T. Wang in Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 96 (1987)—China.
 lingbaense *S.Y. Wang & Q.S. Yang in Acta Bot. Bor.-Occid. Sin.*, 9(1): 42 (1989)—China.
 medogense *W.T. Wang in Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 20 (1986)—Xizang.
 munzianum *P.H. Davis & Kit Tan in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 267 (1986)—Turkey.
 nanum
 subsp. *albolilaceum* (*Maire*) *C. Blanché, J. Molero & J. Simon in Collect. Bot.*, 18: 70 (1990): *D. peregrinum* f. *albolilaceum*.
 subsp. *elongatum* (*Boiss.*) *C. Blanché, J. Molero & J. Simon in Collect. Bot.*, 18: 70 (1990): *D. peregrinum* var. *elongatum*.
 ninglangshanicum *W.T. Wang in Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 10 (1986)—China.
 occidentalis
 var. *barbeyi* (*Huth*) *S.L. Welsh in Great Basin Nat.*, 46(2): 260 (1986): *D. exaltatum* var. *barbeyi*.
- DELPHINIUM** :-
 parishii
 subsp. *pallidum* (*Munz*) *M.J. Warnock in Phytologia*, 68(1): 2 (1990): *D. parishii* var. *pallidum*.
 parryi
 subsp. *maritimum* (*Davidson*) *M.J. Warnock in Phytologia*, 68(1): 2 (1990): *D. parryi* var. *maritimum*.
 subsp. *purpureum* (*Lewis & Epling*) *M.J. Warnock in Phytologia*, 68(1): 2 (1990): *D. parishii* subsp. *purpureum*.
 pentagynum
 f. *gautieri* (*Rouv.*) *C. Blanché & Molero in Fontqueria*, 9: 19 (1985): *D. pentagynum* subsp. *gautieri*.
 pubescens
 subsp. *mauritanicum* (*Cosson*) *O. de Bolos & J. Vigo, Fl. Països Catalans*, 2: 819 (1990): *D. mauritanicum*.
 rangtangense *W.T. Wang in Acta Bot. Yunnanica*, 8(3): 262 (1986)—China.
 spurium *Hort. Berol. ex Hornem., Hort. Hafn., Suppl.*: 59 (1819); cf. *D.J. Mabberley in Taxon*, 33(3): 437 (1984)—Locality not stated.
 tabatae *M. Tamura in Acta Phytotax. Geobot.*, 37(4-6): 156 (1986)—Nepal.
 tarbagataicum *C.Y. Yang & B. Wang in Bull. Bot. Res. North-East. Forest. Inst.*, 9(1): 24 (1989)—Xinjiang.
 uncinatum
 var. *glabrum* *R.A. Qureshi & M.N. Chaudhri in Pakistan Syst.*, 3(1): 9 (1987)—Pakistan.
 variegatum
 subsp. *kinkiense* (*Munz*) *M.J. Warnock in Phytologia*, 68(1): 2 (1990): *D. kinkiense*.
 wentsaii *Y.Z. Zhao in Acta Sci. Nat. Univ. Intramongolicae*, 21(1): 134 (1990)—Xinjiang.
 xichangense *W.T. Wang in Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 1 (1986)—China.
 yajiangense *W.T. Wang in Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 5 (1986)—China.
 yangii *W.T. Wang in Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 3 (1986)—China.
 yuchuanii *Y.Z. Zhao in Acta Sci. Nat. Univ. Intramongolicae*, 20(2): 248 (1989)—China.
 yulungshanicum *W.T. Wang in Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 15 (1986)—China.
- DEMAVENDIA** *M.G. Pimenov in Fl. Iran.*, 162: 450 (1987). **UMBELLIFERAE.**
 pastinacifolia (*Boiss. & Hausskn.*) *M.G. Pimenov in Fl. Iran.*, 162: 450 (1987): *Peucedanum pastinacifolium*.
- DENDRANTHEMA** (*Compos.*)
 lavandulaefolium
 var. *glabriusculum* (*Ling*) *S. Kitamura in Acta Phytotax. Geobot.*, 40(5-6): 138 (1989): *Chrysanthemum bellum* var. *glabriusculum*.
 miyatojimense (*Kitamura*) *D.J.N. Hind in Kew Mag.*, 5(2): 59 (1988), without exact basionym page; et in *Kew Mag.*, 6(1): 48 (1989): *Chrysanthemum miyatojimense*.
 nankingense (*Hand-Mazz.*) *X.D. Cui in Fl. Tsinlingensis*, 1(5): 252 (1985): *Chrysanthemum nankingense*.
 seticuspe (*Maxim.*) *S. Kitamura in Acta Phytotax. Sin.*, 38: 380 (1987): *Pyrethrum seticuspe*.
 f. *boreale* (*Makino*) *S. Kitamura in Acta Phytotax. Geobot.*, 38: 381 (1987): *Chrysanthemum indicum* var. *boreale*.
 yezeense (*Maekawa*) *D.J.N. Hind in Kew Mag.*, 5(2): 59 (1988): *Chrysanthemum yezeense*.
 zawadskii
 var. *alpinum* (*Nakai*) *S. Kitamura in Acta Phytotax. Geobot.*, 40(5-6): 138 (1989): *Chrysanthemum sibiricum* var. *alpinum*.
- DENDROBENTHAMIA** (*Cornac.*)
 longipedunculata *S.S. Chang & X. Chen in Guihaia*, 7(2): 128 (1987)—China.
 qianxinanica *S.S. Chang & X. Chen in Guihaia*, 7(2): 127 (1987)—China.

DENDROBIUM (Orchidac.).

- alabense *J.J. Wood in Lindleyana*, 5(2): 90 (1990)—Borneo (Sabah).
 assamicum *S. Chowdhury in Kew Bull.*, 43(4): 667 (1988)—Assam.
 brassii *T.M. Reeve & P.J.B. Woods in Notes Roy. Bot. Gard. Edinburgh*, 46(2): 238 (1989)—New Guinea (Papua New Guinea).
 brevicale
 subsp. calcarium (*J.J. Smith*) *T.M. Reeve & P.J.B. Woods in Notes Roy. Bot. Gard. Edinburgh*, 46(2): 184 (1989); *D. calcarium*.
 subsp. pentagonum (*Kränzlin*) *T.M. Reeve & P.J.B. Woods in Notes Roy. Bot. Gard. Edinburgh*, 46(2): 186 (1989); *D. pentagonum*.
 brevimentum *P.J. Cribb in Kew Bull.*, 41(3): 638 (1986)—Moluccas.
 cacatua *M.A. Clements & D. Jones in Austral. Orchid Res.*, 1: 48 (1989)—Australia (Queensland).
 capitissior *M.A. Clements & D. Jones in Austral. Orchid Res.*, 1: 49 (1989)—Australia (Queensland).
 carnicarinum *P.J. Kores in Allertonia*, 5(1): 92 (1989)—Fiji.
 crystallinum
 var. hainanense *S.J. Cheng & C.Z. Tang in Acta Bot. Austro Sinica*, 2: 26 (1986)—Hainan.
 curvicaule (*Bailey*) *M.A. Clements & D. Jones in Austral. Orchid Res.*, 1: 51 (1989); *D. speciosum* var. *curvicaule*.
 diodon
 subsp. kodayarensis *R. Gopalan & A.N. Henry in J. Econ. Taxon. Bot.*, 12(2): 487 (1988 publ. 1989)—India.
 discolor
 var. broomfieldii (*Fitzg.*) *M.A. Clements & D. Jones in Austral. Orchid Res.*, 1: 52 (1989); *D. undulatum* var. *broomfieldii*.
 subsp. incurvata *D.J. Liddle & P.I. Forster in Austrobaileya*, 3(2): 320 (1990)—Australia (Queensland), New Guinea (Papua New Guinea).
 dolichophyllum *D. Jones & M.A. Clements in Austral. Orchid Res.*, 1: 52 (1989)—Australia (Queensland, New South Wales).
 fesselianum *M. Wolff in Orchidee*, 41(3): 97 (1990)—Thailand.
 flexicaule *Z.H. Tsi, S.C. Sun & L.G. Xu in Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 113 (1986)—China.
 greenianum *P.J. Cribb & B. Lewis in Orchid Rev.*, 97(1150): 251 (1989)—Vanuatu.
 guangxiense *S.J. Cheng & C.Z. Tang in Orchid Dig.*, 50(3): 95 (1986)—China.
 henanense *J.L. Lu & L.X. Gao in Bull. Bot. Res. North-East. Forest. Inst.*, 10(4): 29 (1990)—China.
 jonesii
 subsp. bancroftianum (*H.G. Reichb.*) *M.A. Clements & D. Jones in Austral. Orchid Res.*, 1: 54 (1989); *D. speciosum* var. *bancroftianum*.
 subsp. blackburnii (*Nicholls*) *M.A. Clements & D. Jones in Austral. Orchid Res.*, 1: 54 (1989); *D. fusiforme* var. *blackburnii*.
 khasianum *N.C. Deori in J. Orchid Soc. India*, 2(1–2): 73 (1988)—India.
 lancilobum *J.J. Wood in Lindleyana*, 5(2): 90 (1990)—Borneo (Sabah).
 ×lavarackianum *M.A. Clements in Austral. Orchid Res.*, 1: 55 (1989), nom. nov.: *D. bigibbum* var. *venosum* *Bailey*.
 lithocola *D. Jones & M.A. Clements in Austral. Orchid Res.*, 1: 56 (1989), nom. nov.: *D. phalaenopsis* var. *compactum* *C. White*.
 iueckelianum *H. Fessel & M. Wolff in Orchidee*, 41(2): 38 (1990)—Thailand.
 macroptus
 subsp. gracilicaule (*F. Mueller*) *P.S. Green in J. Arnold Arbor.*, 67(1): 115 (1986); *D. gracilicaule*.
 subsp. howeanum (*Maiden*) *P.S. Green in J. Arnold Arbor.*, 67(1): 115 (1986); *D. gracilicaule* var. *howeanum*.
 masarangense
 var. chlorinum (*Ridley*) *T.M. Reeve & P.J.B. Woods in Notes Roy. Bot. Gard. Edinburgh*, 46(2): 196 (1989); *D. chlorinum*.
 subsp. theionanthum (*Schlechter*) *T.M. Reeve & P.J.B. Woods in Notes Roy. Bot. Gard. Edinburgh*, 46(2): 193 (1989); *D. theionanthum*.

DENDROBIUM :-

- var. theionanthum (*Schlechter*) *T.M. Reeve & P.J.B. Woods in Notes Roy. Bot. Gard. Edinburgh*, 46(2): 193 (1989); *D. theionanthum*.
 melaleucaphilum *M.A. Clements & D. Jones in Austral. Orchid Res.*, 1: 57 (1989)—Australia (New South Wales, Queensland).
 minutiflorum *S.C. Chen & Z.H. Tsi in Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 27 (1989)—China.
 nareshbahadurii *H.B. Naithani in Indian Forester*, 112(1): 66 (1986)—India.
 neolampangense *L.V. Aver'yanov in Bot. Zhurn.*, 73(1): 107 (1988), nom. nov.: *D. indivisum* var. *lampangense* *Rolfe ex Downie*.
 ×nitidum (*Bailey*) *M.A. Clements & D. Jones in Austral. Orchid Res.*, 1: 58 (1989); *D. speciosum* var. *nitidum*.
 nobile
 var. alboluteum *D.D. Huyen & L.V. Aver'yanov in Bot. Zhurn.*, 74(7): 1039 (1989)—Vietnam.
 nugentii (*Bailey*) *D. Jones & M.A. Clements in Austral. Orchid Res.*, 1: 58 (1989); *D. linguiforme* var. *nugentii*.
 pachytrix *T.M. Reeve & P.J.B. Woods in Notes Roy. Bot. Gard. Edinburgh*, 46(2): 215 (1989)—New Guinea (Papua New Guinea).
 pedunculatum (*Clemesha*) *D. Jones & M.A. Clements in Austral. Orchid Res.*, 1: 58 (1989); *D. speciosum* var. *pedunculatum*.
 pierardii *Roxb. ex W.J. Hooker, Exot. Fl.*, 1: t. 9 (1822)—India.†
 prianganense *J.J. Wood & J.B. Comber in Orchid Rev.*, 96(1132): 52 (1988)—Java.
 rex *M.A. Clements & D. Jones in Austral. Orchid Res.*, 1: 60 (1989), nom. nov.: *D. speciosum* var. *grandiflorum* *Bailey*.
 striaenopsis *M.A. Clements & D. Jones in Austral. Orchid Res.*, 1: 148 (1989)—Lesser Sunda Is.
 subclausum
 var. pandanicola *J.J. Wood in Kew Bull.*, 41(4): 817 (1986)—New Guinea (Papua New Guinea).
 var. phlox (*Schltr.*) *J.J. Wood in Kew Bull.*, 41(4): 819 (1986); *D. phlox*.
 var. speciosum *J.J. Wood in Kew Bull.*, 41(4): 818 (1986)—New Guinea (Papua New Guinea).
 sulphureum
 var. cellulolum (*J.J. Smith*) *T.M. Reeve & P.J.B. Woods in Notes Roy. Bot. Gard. Edinburgh*, 46(2): 202 (1989); *D. cellulolum*.
 var. rigidifolium *T.M. Reeve & P.J.B. Woods in Notes Roy. Bot. Gard. Edinburgh*, 46(2): 200 (1989)—New Guinea (Papua New Guinea).
 tarberi *M.A. Clements & D. Jones in Austral. Orchid Res.*, 1: 62 (1989), nom. nov.: *D. hillii* *J.D. Hook.*
 tosaense
 var. chingshuishanianum *S.S. Ying in J. Jap. Bot.*, 64(5): 151 (1989)—Taiwan.
 trilobulatum *P.J. Kores in Allertonia*, 5(1): 91 (1989)—Fiji.
 uncarinatum *P.J. Kores in Allertonia*, 5(1): 97 (1989)—Fiji.
 vexillarius
 var. albiviride (*P. van Royen*) *T.M. Reeve & P.J.B. Woods in Notes Roy. Bot. Gard. Edinburgh*, 46(2): 257 (1989); *D. albiviride*.
 var. elworthii *T.M. Reeve & P.J.B. Woods in Notes Roy. Bot. Gard. Edinburgh*, 46(2): 258 (1989)—New Guinea (Papua New Guinea).
 var. microblepharum (*Schlechter*) *T.M. Reeve & P.J.B. Woods in Notes Roy. Bot. Gard. Edinburgh*, 46(2): 255 (1989); *D. microblepharum*.
 var. retroflexum (*J.J. Smith*) *T.M. Reeve & P.J.B. Woods in Notes Roy. Bot. Gard. Edinburgh*, 46(2): 251 (1989); *D. retroflexum*.
 var. uncinatum (*Schlechter*) *T.M. Reeve & P.J.B. Woods in Notes Roy. Bot. Gard. Edinburgh*, 46(2): 253 (1989); *D. uncinatum*.
 violaceum
 subsp. cyperifolium (*Schlechter*) *T.M. Reeve & P.J.B. Woods in Notes Roy. Bot. Gard. Edinburgh*, 46(2): 236 (1989); *D. cyperifolium*.
 zhaojunense *S.C. Sun & L.G. Xu in Bull. Bot. Res. North-East. Forest. Inst.*, 8(2): 59 (1988)—China.

DENDROCALAMOPSIS (Gramin.).

- atrovirens (*Wen*) *Keng f. ex W.T. Lin in Guihaia*, 10(1): 15 (1990); *Bambusa atrovirens*.

DENDROCALAMOPSIS :-

- oldhamii
 f. revoluta (*W.T. Lin & J.Y. Lin*) *W.T. Lin in Guihaia*, 10(1): 15 (1990); *Bambusa oldhamii* f. *revoluta*.
 stenoaurita (*W.T. Lin*) *Keng f. ex W.T. Lin in Guihaia*, 10(1): 15 (1990); *Sinocalamus stenoauritus*.
 validus *Q.H. Dai in Acta Phytotax. Sin.*, 24(5): 393 (1986)—Cultivation.
DENDROCALAMUS (Gramin.).
 sect. *Bambusoidetes* *C.J. Hsueh & D.Z. Li in J. Bamboo Res.*, 7(3): 10, 15 (1988), without latin descr. or type; *et in J. Bamboo Res.*, 7(4): 7 (1988).
 sect. *Draconicalamus* *C.J. Hsueh & D.Z. Li in J. Bamboo Res.*, 7(3): 11, 16 (1988), without latin descr. or type; *et in J. Bamboo Res.*, 7(4): 9 (1988).
 sect. *Patellares* *C.J. Hsueh & D.Z. Li in J. Bamboo Res.*, 7(3): 12, 18 (1988), without latin descr. or type; *et in J. Bamboo Res.*, 8(1): 36 (1989).
 subgen. *Sinocalamus* (*McCl.*) *C.J. Hsueh & D.Z. Li in J. Bamboo Res.*, 7(3): 10, 16 (1988), without basionym ref.; *et in J. Bamboo Res.*, 7(4): 9 (1988); gen. *Sinocalamus*.
 sect. *Sinocalamus* (*McCl.*) *C.J. Hsueh & D.Z. Li in J. Bamboo Res.*, 7(3): 11, 17 (1988), without basionym ref.; *et in J. Bamboo Res.*, 7(4): 13 (1988); gen. *Sinocalamus*.
 bambusoides *J.R. Xue & D.Z. Li in J. Bamboo Res.*, 6(2): 16 (1987)—China.
 barbatus *C.J. Hsueh & D.Z. Li in J. Bamboo Res.*, 7(3): 10, 15 (1988), without latin descr. or type; *et in J. Bamboo Res.*, 7(4): 4 (1988)—China.
 var. internodiiradicatus *C.J. Hsueh & D.Z. Li in J. Bamboo Res.*, 7(4): 6 (1988)—China.
 cinctus *R.B. Majumder ex T.R. Soderstrom & R.P. Ellis in Smithsonian Contrib. Bot.*, 72: 45 (1988)—Sri Lanka.
 farinosus
 f. flavostriatus *T.P. Yi in Bull. Bot. Res. North-East. Forest. Inst.*, 6(4): 28 (1986), as 'flavo-striatus'—China.
 fugongensis *C.J. Hsueh & D.Z. Li in J. Bamboo Res.*, 7(3): 11, 16 (1988), without latin descr. or type; *et in J. Bamboo Res.*, 7(4): 9 (1988)—China.
 jianshuiensis *C.J. Hsueh & D.Z. Li in J. Bamboo Res.*, 7(3): 11, 17 (1988), without latin descr. or type; *et in J. Bamboo Res.*, 7(4): 14 (1988)—China.
 liboensis *C.J. Hsueh & D.Z. Li in J. Bamboo Res.*, 7(3): 13, 19 (1988), without latin descr. or type; *et in J. Bamboo Res.*, 8(1): 37 (1989)—China.
 membranaceus
 f. fimbriulatus *C.J. Hsueh & D.Z. Li in J. Bamboo Res.*, 7(4): 4 (1988)—China.
 f. pilosus *C.J. Hsueh & D.Z. Li in J. Bamboo Res.*, 7(4): 3 (1988)—China.
 f. striatus *C.J. Hsueh & D.Z. Li in J. Bamboo Res.*, 7(4): 3 (1988)—China.
 minor
 var. amoenus (*Q.H. Dai & C.F. Huang*) *C.J. Hsueh & D.Z. Li in J. Bamboo Res.*, 8(1): 39 (1989); *Sinocalamus minor* var. *amoenus*.
 pachystachyus *C.J. Hsueh & D.Z. Li in J. Bamboo Res.*, 7(3): 11, 17 (1988), without latin descr. or type; *et in J. Bamboo Res.*, 8(1): 25 (1989)—China.
 peculiaris *C.J. Hsueh & D.Z. Li in J. Bamboo Res.*, 7(3): 12, 18 (1988), without latin descr. or type; *et in J. Bamboo Res.*, 8(1): 32 (1989)—China.
 pulverulentus *L.C. Chia & P.P.H. But in Kew Bull.*, 43(1): 115 (1988)—Cultivation ex China.
 rongchengensis *T.P. Yi & C.Y. Sia in J. Bamboo Res.*, 7(4): 20 (1988)—China.
 semiscandens *C.J. Hsueh & D.Z. Li in J. Bamboo Res.*, 7(3): 12, 17 (1988), without latin descr. or type; *et in J. Bamboo Res.*, 8(1): 28 (1989)—China.
 tomentosus *C.J. Hsueh & D.Z. Li in J. Bamboo Res.*, 7(3): 12, 18 (1988), without latin descr. or type; *et in J. Bamboo Res.*, 8(1): 34 (1989)—China.
 yunnanicus *C.J. Hsueh & D.Z. Li in J. Bamboo Res.*, 7(3): 11, 17 (1988), without latin descr. or type; *et in J. Bamboo Res.*, 7(4): 17 (1988)—China.

DENDROCHILUM (Orchidac.).

- javieriense *L.K. Magrath, G. Bulmer & I. Shafer in Lindleyana*, 4(3): 135 (1989)—Philippine Is.
 trusmadiense *J.J. Wood in Lindleyana*, 5(2): 93 (1990)—Borneo (Sabah).
 viride *G. Seidenfaden in Op. Bot.*, 89: 85 (1986)—Thailand.

- DENDROCORYNE** (Lindl.) F.G. Brieger in Schlechter Orchideen, 1(11-12): 724 (1981), stated basionym invalid: *Dendrobium* sect *Dendrocoryne* (Orchidac.).†
- ×**DENDROGERIA** hort. in Orchid Rev., 96(1134): centre page pull-out p. 9 (1988). ORCHIDACEAE. (*Dendrobium* × *Flickingeria*).
- DENDROPANAX** (Araliac.).
bracteatus M.J. & J.F.M. Cannon in Bull. Brit. Mus. (Nat. Hist.), Bot., 19: 8 (1989)—Panama.
capillaris M.J. & J.F.M. Cannon in Bull. Brit. Mus. (Nat. Hist.), Bot., 19: 20 (1989)—Panama.
globosus M.J. & J.F.M. Cannon in Bull. Brit. Mus. (Nat. Hist.), Bot., 19: 14 (1989)—Costa Rica, Panama.
hondurensis M.J. & J.F.M. Cannon in Bull. Brit. Mus. (Nat. Hist.), Bot., 19: 14 (1989)—Honduras, Mexico.
latilobus M.J. & J.F.M. Cannon in Bull. Brit. Mus. (Nat. Hist.), Bot., 19: 8 (1989)—Panama, Costa Rica.
maritimus M.J. & J.F.M. Cannon in Bull. Brit. Mus. (Nat. Hist.), Bot., 19: 17 (1989)—Panama.
pallidus M.J. & J.F.M. Cannon in Bull. Brit. Mus. (Nat. Hist.), Bot., 19: 20 (1989)—Guatemala, Mexico.
panamensis M.J. & J.F.M. Cannon in Bull. Brit. Mus. (Nat. Hist.), Bot., 19: 17 (1989)—Panama.
punctatus M.J. & J.F.M. Cannon in Bull. Brit. Mus. (Nat. Hist.), Bot., 19: 11 (1989)—Panama.
ravenii M.J. & J.F.M. Cannon in Bull. Brit. Mus. (Nat. Hist.), Bot., 19: 11 (1989)—Costa Rica.
- DENDROPEMON** (Loranthac.).
claraensis A.T. Leiva Sánchez in Rev. Jard. Bot. Nacion. Univ. Habana, 5(3): 18 (1984 publ. 1985)—Cuba.
silvae A.T. Leiva Sánchez in Rev. Jard. Bot. Nacion. Univ. Habana, 6(3): 19 (1985 publ. 1986)—Cuba.
- DENDROPHORA** (Viscac.).
podocarpicola A. Leiva Sánchez in Rev. Jard. Bot. Nacion. Univ. Habana, 7(3): 16 (1986 publ. 1987), nom. nov.: *Arceuthobium cubense* Leiva & Bisse.
- DENDROPHTHOE** (Loranthac.).
falcata
var. pubescens (Hook. f.) V. Chandrasekaran in A.N. Henry, G.R. Kumari & V. Chithra, Fl. Tamil Nadu, India, Ser. 1, 2: 215 (1987): *Loranthus longiflorus* var. pubescens.
- DENDROPHTHORA** (Viscac.).
bulbifera J. Kuijt in Fl. Ecuador, 24(32B): 77 (1986)—Ecuador.
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densifolia J. Kuijt in Fl. Ecuador, 24(32B): 73 (1986)—Ecuador, Peru.
diffusa J. Kuijt in Brittonia, 39(4): 449 (1987)—Peru.
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fastigiata J. Kuijt in Fl. Ecuador, 24(32B): 82 (1986)—Ecuador.
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lueri J. Kuijt in Fl. Ecuador, 24(32B): 69 (1986)—Ecuador, Colombia.
nitidula (Rizzini) J. Kuijt in Proc. Kon. Nederl. Akad. Wetensch., 93(2): 135 (1990): *Phoradendron nitidulum*.
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ovata J. Kuijt in Fl. Ecuador, 24(32B): 102 (1986)—Ecuador.
pearcei (Rusby) J. Kuijt in Fl. Ecuador, 24(32B): 79 (1986): *Phoradendron pearcei*.
polyantha J. Kuijt in Fl. Ecuador, 24(32B): 71 (1986)—Ecuador.
solomonis J. Kuijt in Proc. Kon. Nederl. Akad. Wetensch., 93(2): 136 (1990)—Bolivia.
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variabilis J. Kuijt in Fl. Ecuador, 24(32B): 109 (1986)—Ecuador.
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var. subquinquenervia (Tam) P.C. Tam in Fl. Reipubl. Popul. Sin., 24: 73 (1988): *Henslowia frutescens* var. *subquinquenervia*.
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subsp. macrothyrsa (Tatewaki & Ohwi) T. Koyama, Grasses of Japan & Neighbour. Regions: 499 (1987): *D. caespitosa* var. *macrothyrsa*.
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spinosa
var. acutangula (Dun.) R.E. Schultes in Rev. Acad. Colomb. Cienc. Exact. Fis. Nat., 65: 318 (1989): *D. acutangula*.
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cordistipulum
f. cryptopodum (Blake) Schubert & R. McVaugh in R. McVaugh, Fl. Novo-Galiciana, 5: 462 (1987): *Meibomia cryptopoda*.
elegans
var. albiflorum P.C. Li in Fl. Xizangica, 2: 892 (1985)—Xizang.
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leptomeres (Blake) Schubert & R. McVaugh in R. McVaugh, Fl. Novo-Galiciana, 5: 471 (1987): *Meibomia leptomeres*.
michelianum (Schindl.) Schubert & R. McVaugh in R. McVaugh, Fl. Novo-Galiciana, 5: 474 (1987): *Meibomia micheliana*.
michoacanum Schubert & R. McVaugh in R. McVaugh, Fl. Novo-Galiciana, 5: 474 (1987)—Mexico.
novogalicianum Schubert & R. McVaugh in R. McVaugh, Fl. Novo-Galiciana, 5: 477 (1987)—Mexico.
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var. rubricaulis (Rose & Painter) Schubert & R. McVaugh in R. McVaugh, Fl. Novo-Galiciana, 5: 478 (1987): *Meibomia rubricaulis*.
pendenticarpum C.Z. Gao & Q.R. Lai in Bull. Bot. Res. North-East. Forest Inst., 9(4): 41 (1989), with two types cited—China.
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- scalare *Schubert & R. McVaugh in R. McVaugh, Fl. Novo-Galiciana*, 5: 485 (1987)—Mexico.
 schubertiae *H. Ohashi in J. Arnold Arbor.*, 71(3): 381 (1990)—Vietnam, Cambodia.
 skinneri
 var. *curtum* (M.E. Jones) *Schubert & R. McVaugh in R. McVaugh, Fl. Novo-Galiciana*, 5: 488 (1987): D. *luteocanescens* var. *curtum*.
 var. *flavovirens* *Schubert & R. McVaugh in R. McVaugh, Fl. Novo-Galiciana*, 5: 489 (1987)—Mexico.
 var. *mortonii* *Schubert & R. McVaugh in R. McVaugh, Fl. Novo-Galiciana*, 5: 489 (1987)—Mexico.
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 urarioides (*Blake*) *Schubert & R. McVaugh in R. McVaugh, Fl. Novo-Galiciana*, 5: 494 (1987): *Meibomia urarioides*.
 velutinum
 var. *lasiocarpum* (*P. Beauv.*) *S.S. Ying, Coloured Illustr. Fl. Taiwan*, 2: 383 (1987): *Hedysarum lasiocarpum*.
 volubile (*Schindl.*) *Schubert & R. McVaugh in R. McVaugh, Fl. Novo-Galiciana*, 5: 494 (1987): *Meibomia volubilis*.

DESMONCUS (Palmae).

- cirrhifera *A.H. Gentry & Zardini in Ann. Missouri Bot. Gard.*, 75(4): 1436 (1988 publ. 1989)—Colombia.
 stans *M.H. Grayum & G.C. de Nevers in Principes*, 32(3): 106 (1988)—Costa Rica.

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 sootepense (*Craib*) *J.F. Maxwell in Nat. Hist. Bull. Siam Soc.*, 37(2): 177 (1989): *Dasymaschalon sootepense*.
 wardianus (*Bailey*) *L.W. Jessup in Austrobaileya*, 2(3): 227 (1986): *Unona wardiana*.

DEUTEROCOHNIA (Bromeliac.).

- brevispicata *W. Rauh & L. Hromadnik in Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 65: 5 (1988)—Bolivia.

DEUTZIA (Hydrangeac.).

- compacta
 var. *multiradiata* *J.T. Pan in Fl. Xizangica*, 2: 532 (1985)—Xizang.
 corymbosa
 var. *dinggyensis* *J.T. Pan in Fl. Xizangica*, 2: 531 (1985)—Xizang.
 crenata
 var. *floribunda* (*Nakai*) *H. Ohba in J. Jap. Bot.*, 64(11): 324 (1989): *D. floribunda*.
 discolor
 var. *gannanensis* *L.C. Wang & X.G. Sun in Bull. Bot. Res. North-East. Forest. Inst.*, 10(4): 46 (1990)—China.
 naseana
 var. *amanoi* (*Hatusima*) *Hatusima ex H. Ohba in J. Jap. Bot.*, 64(11): 324 (1989): *D. amanoi*.
 var. *macrantha* *Hatusima ex H. Ohba in J. Jap. Bot.*, 64(11): 325 (1989)—Ryukyu Is.
 ningpoensis
 f. *integrifolius* *D.Y. Liu & J. Han in Bull. Bot. Res. North-East. Forest. Inst.*, 8(2): 141 (1988)—China.
 pulchra
 var. *bartlettii* (*Yamamoto*) *S.S. Ying, Coloured Illustr. Fl. Taiwan*, 2: 525 (1987): *D. bartlettii*.
 var. *hayatae* (*Nakai*) *S.S. Ying, Coloured Illustr. Fl. Taiwan*, 2: 525 (1987): *D. hayatae*.

DEVERRA (Umbellif.).

- denudata (*Viv.*) *R. Pfisterer & D. Podlech in Mitt. Bot. Staatssamml. München*, 22: 587 (1986): *Pituranthos denudatus*.
 subsp. *aphylla* (*Cham. & Schlechtend.*) *R. Pfisterer & D. Podlech in Mitt. Bot. Staatssamml. München*, 22: 589 (1986): *Bubon aphyllus*.

DEVERRA :-

- scoparia
 subsp. *tripolitana* (*Andreansky*) *R. Pfisterer & D. Podlech in Mitt. Bot. Staatssamml. München*, 22: 594 (1986): *Pituranthos tripolitana*.
 triradiata
 subsp. *intermedia* (*Chevall.*) *R. Pfisterer & D. Podlech in Mitt. Bot. Staatssamml. München*, 22: 599 (1986): *D. intermedia*.
 subsp. *musilii* (*Chrtek, Osborn. & Sourkova*) *R. Pfisterer & D. Podlech in Mitt. Bot. Staatssamml. München*, 22: 598 (1986): *D. musilii*.

- DEVIA** *P. Goldblatt & J.C. Manning in Ann. Missouri Bot. Gard.*, 77(2): 362 (1990). **IRIDACEAE**.
xeromorpha *P. Goldblatt & J.C. Manning in Ann. Missouri Bot. Gard.*, 77(2): 362 (1990)—South Africa (Cape Province).

DEYEUXIA (Gramin.).

- sect. *Pungentes* *Z.E. Rúgolo de Agrasar in Parodiana*, 4(1): 100 (1986).
apsleyensis *D.I. Morris in Muelleria*, 7(2): 160 (1990)—Tasmania.
borii *S. Bhattacharya & S.K. Jain in Bull. Bot. Surv. India*, 25(1-4): 208 (1983 publ. 1985), nom. nov.: *Agrostis nagensis* *Bor.*
 cabrerac
 var. *maxima* *Z.E. Rúgolo de Agrasar in Parodiana*, 4(1): 106 (1986)—Argentina.
 var. *trichopoda* *Parodi ex Z.E. Rúgolo de Agrasar in Parodiana*, 4(1): 107 (1986)—Argentina.
himalaica *L. Liou in Fl. Xizangica*, 5: 215 (1987), without latin descr. or type—Xizang.
innominata *D.I. Morris in Muelleria*, 7(2): 164 (1990)—Tasmania, Australia (Victoria, New South Wales).
nyingchiensis *P.C. Kuo & S.L. Lu in Fl. Xizangica*, 5: 221 (1987)—Xizang.
 pulchella
 var. *laxa* *P.C. Kuo & S.L. Lu in Fl. Xizangica*, 5: 218 (1987)—Xizang.

tibetica

- var. *przewalskyi* (*Tzvel.*) *P.C. Kuo & S.L. Lu in Fl. Xizangica*, 5: 225 (1987), without basionym ref.: *Calamagrostis przewalskyi*.
zangxiensis *P.C. Kuo & S.L. Lu in Fl. Xizangica*, 5: 228 (1987)—Xizang.

DHOFARIA *A.G. Miller in Notes Roy. Bot. Gard.*

- Edinburgh, 45(1): 55 (1988). **CAPPARACEAE**.
macleishii *A.G. Miller in Notes Roy. Bot. Gard. Edinburgh*, 45(1): 55 (1988)—Oman.

DIAMENA *P. Ravenna in Op. Bot.*, 92: 185 (1987).

- ANTHERICACEAE**.
stenantha (*Rav.*) *P. Ravenna in Op. Bot.*, 92: 188 (1987): *Anthericum stenanthum*.

DIANDRANTHUS *L. Liou in Fl. Xizangica*, 5: 308

- (1987), without type. **GRAMINEAE**.
corymbosus *L. Liou in Fl. Xizangica*, 5: 312 (1987), generic name not validly publ.—Xizang.
nepalensis (*Trin.*) *L. Liou in Fl. Xizangica*, 5: 313 (1987), generic name not validly publ.: *Eulalia nepalensis*.
nudipes (*Griseb.*) *L. Liou in Fl. Xizangica*, 5: 312 (1987), generic name not validly publ. and without basionym ref.: *Basionym* not stated.
ramosus *L. Liou in Fl. Xizangica*, 5: 310 (1987), generic name not validly publ.—Xizang.
taylorii (*Bor*) *L. Liou in Fl. Xizangica*, 5: 310 (1987), generic name not validly publ.: *Miscanthus taylorii*.
tibeticus *L. Liou in Fl. Xizangica*, 5: 308 (1987), generic name not validly publ.—Xizang.
wardii (*Bor*) *L. Liou in Fl. Xizangica*, 5: 311 (1987), generic name not validly publ.: *Miscanthus wardii*.

DIANELLA (Phormiac.).

- adenanthera* (*G. Forster*) *R.J.F. Henderson in Austrobaileya*, 2(5): 421 (1988): *Anthericum adenanthera*.
atraxis *R.J.F. Henderson in Fl. Australasia*, 45: 476, 215 (1987)—Australia (Queensland).
brevipedunculata *R.J.F. Henderson in Fl. Australasia*, 45: 476, 202 (1987)—Australia (Queensland).

DIANELLA :-

caerulea

- var. *aquilonia* *R.J.F. Henderson in Fl. Australasia*, 45: 477, 211 (1987)—Australia (Queensland).
 var. *assera* *R.J.F. Henderson in Fl. Australasia*, 45: 477, 212 (1987)—Australia (Queensland, New South Wales).
 var. *cinerascens* *R.J.F. Henderson in Fl. Australasia*, 45: 477, 212 (1987)—Australia (New South Wales).
 var. *petasmatodes* *R.J.F. Henderson in Fl. Australasia*, 45: 478, 213 (1987)—Australia (Queensland, New South Wales).
 var. *producta* *R.J.F. Henderson in Fl. Australasia*, 45: 478, 211 (1987)—Australia (Queensland, New South Wales).
 var. *protensa* *R.J.F. Henderson in Fl. Australasia*, 45: 478, 213 (1987)—Australia (Queensland, New South Wales).
 var. *vannata* *R.J.F. Henderson in Fl. Australasia*, 45: 478, 213 (1987)—Australia (Queensland, New South Wales, New Guinea (Papua New Guinea)).
crinoides *R.J.F. Henderson in Fl. Australasia*, 45: 479, 207 (1987)—Australia (Queensland, New South Wales).
incollata *R.J.F. Henderson in Fl. Australasia*, 45: 480, 197 (1987)—Australia (Queensland).

longifolia

- var. *fragrans* *R.J.F. Henderson in Fl. Australasia*, 45: 480, 205 (1987)—Australia (Queensland).
 var. *grandis* *R.J.F. Henderson in Fl. Australasia*, 45: 481, 205 (1987)—Australia (Queensland, S. Australia, New South Wales, Victoria).
 var. *porracea* *R.J.F. Henderson in Fl. Australasia*, 45: 481, 206 (1987)—Australia (Queensland, New South Wales, S. Australia).
 var. *stupata* *R.J.F. Henderson in Fl. Australasia*, 45: 481, 207 (1987)—Australia (Queensland, New South Wales).
 var. *sarculosa* *R.J.F. Henderson in Fl. Australasia*, 45: 481, 207 (1987)—Australia (Queensland, New South Wales).
nervosa *R.J.F. Henderson in Fl. Australasia*, 45: 482, 208 (1987)—Australia (Queensland, New South Wales).

pavopennacea *R.J.F. Henderson in Fl. Australasia*, 45:

- 482, 218 (1987)—Australia (Queensland).
 var. *major* *R.J.F. Henderson in Fl. Australasia*, 45: 482, 219 (1987)—Australia (Queensland).
 var. *robusta* *R.J.F. Henderson in Fl. Australasia*, 45: 483, 219 (1987)—Australia (Queensland).
prunina *R.J.F. Henderson in Fl. Australasia*, 45: 483, 202 (1987)—Australia (New South Wales).

revoluta

- var. *divaricata* (*R. Br.*) *R.J.F. Henderson in Fl. Australasia*, 45: 484 (1987): *D. divaricata*.
 var. *minor* *R.J.F. Henderson in Fl. Australasia*, 45: 484, 201 (1987)—Australia (Queensland).
 var. *tenuis* *R.J.F. Henderson in Fl. Australasia*, 45: 484, 201 (1987)—Australia (Queensland).
 var. *vinosa* *R.J.F. Henderson in Fl. Australasia*, 45: 484, 201 (1987)—Australia (Queensland, New South Wales).
saffordiana *F.R. Fosberg & M.H. Sachet in Micronesica*, 20(1-2): 132 (1987)—Marianas.

DIANTHERA (Acanthac.).

- japonica* *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14: 64* (1784)—Japan.†

DIANTHOVEUS *B.E. Hammel & G.J. Wilder in Ann. Missouri Bot. Gard.*, 76(1): 113 (1989).

- CYCLANTHACEAE**.
cremophilus *B.E. Hammel & G.J. Wilder in Ann. Missouri Bot. Gard.*, 76(1): 113 (1989)—Ecuador, Colombia.

DIANTHUS (Caryophyllac.).

algetanus

- subsp. *costae* (*Willk.*) *A.M. Romo i Diez, Fl. Veg. Montsec (Pre-Pirineus Catalans)*: 98 (1989): *D. costae*.
 subsp. *turoloensis* (*Pau*) *M. Bernal, Lainz & Muñoz Garmendia in An. Jard. Bot. Madrid*, 45(2): 575 (1988 publ. 1989): *D. turoloensis*.

DIANTHUS :-

- angulatus
 subsp. subangulatus *K.H. Rechinger in Fl. Iran.*, 163: 183 (1988)—Afghanistan, Pakistan.
- broteri
 subsp. subbaeticus (*Fernández Casas*) *Fernández Casas, M. Lainz & Muñoz Garmendia in An. Jard. Bot. Madrid*, 44(2): 573 (1987): D. subbaeticus.
- ×carolipai *M.B. Crespo & G. Mateo in An. Jard. Bot. Madrid*, 47(2): 506 (1989 publ. 1990)—Spain. (D. broteri × multiaffinis).
- caucasicus *Spreng. in Henckel, Adumb. Pl. Hort. Hal.*: 23 (1806); cf. *D.J. Mabberley in Taxon*, 32(1): 84 (1983)—Locality not stated.
- costae
 subsp. algetanus (*Graells ex Williams*) *M. Lainz, Muñoz Garmendia & Soriano in An. Jard. Bot. Madrid*, 43(2): 473 (1986 publ. 1987): D. algetanus.
 subsp. multiaffinis (*Pau*) *M. Lainz in An. Jard. Bot. Madrid*, 43(2): 473 (1986 publ. 1987): D. multiaffinis.
 subsp. turolensis (*Pau*) *M. Lainz & Muñoz Garmendia in An. Jard. Bot. Madrid*, 43(2): 473 (1986 publ. 1987): D. turolensis.
- crinitus
 subsp. baldzhuanicus (*Lincz.*) *K.H. Rechinger in Pl. Syst. Evol.*, 151(3-4): 285 (1986): D. baldzhuanicus.
 subsp. kermanensis *K.H. Rechinger in Pl. Syst. Evol.*, 151(3-4): 286 (1986)—Iran.
 subsp. nuristanicus (*Gilli*) *K.H. Rechinger in Pl. Syst. Evol.*, 151(3-4): 285 (1986): D. nuristanicus.
 subsp. tetralepis (*Nevski*) *K.H. Rechinger in Pl. Syst. Evol.*, 151(3-4): 286 (1986): D. tetralepis.
 subsp. turcomanicus (*Schischk.*) *K.H. Rechinger in Pl. Syst. Evol.*, 151(3-4): 287 (1986): D. turcomanicus.
- denaicus *M. Assadi in Iranian J. Bot.*, 3(1): 17 (1985)—Iran.
- diversifolius *M. Assadi in Iranian J. Bot.*, 3(1): 40 (1985)—Iran.
- furcatus
 subsp. benearnensis (*H. Loret*) *M. Kerguelen in Lejeunia*, 120: 79 (1987): D. benearnensis.
 subsp. requienii (*Godron*) *M. Kerguelen in Lejeunia*, 120: 80 (1987): D. requienii.
- goerkii *P. Hartvig & A. Strid in Bot. Jahrb.*, 108(2-3): 321 (1987)—Turkey.
- hafezii *M. Assadi in Iranian J. Bot.*, 3(1): 23 (1985)—Iran.
- ×helveticorum *M. Lainz in An. Jard. Bot. Madrid*, 42(2): 549 (1985 publ. 1986)—Spain.
- hyssopifolius
 subsp. gallicus (*Pers.*) *M. Lainz & F. Muñoz Garmendia in An. Jard. Bot. Madrid*, 44(2): 572 (1987): D. gallicus.
- inoxianus *M.J. Gallego in Lagasalia*, 14(1): 71 (1986)—Spain.
- japonicus *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14*: 417 (1784)—Japan.†
- languanus
 subsp. gredensis (*Pau ex Caballero*) *S. Rivas-Martinez, F. Fernández González & D. Sánchez-Mata in Opusc. Bot. Pharm. Complutensis*, 2: 108 (1986): D. gredensis.
- laricifolius
 subsp. marizii (*Samp.*) *J. do Amaral Franco in Ann. Bot. Fenn.*, 23(1): 91 (1986): D. graniticus var. marizii.
 subsp. marizii (*Samp.*) *Franco ex M. Lainz in An. Jard. Bot. Madrid*, 43(1): 196 (1986): D. graniticus var. marizii.
 subsp. merinoi (*Lainz*) *M. Lainz in An. Jard. Bot. Madrid*, 43(1): 197 (1986): D. merinoi.
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- subsp. macropetalus (*Boiss.*) *K.H. Rechinger in Pl. Syst. Evol.*, 151(3-4): 289 (1986): D. fimbriatus var. macropetalus.
- subsp. nassireddini (*Stapf*) *K.H. Rechinger in Pl. Syst. Evol.*, 151(3-4): 292 (1986): D. nassireddini.
- subsp. obtusisquameus (*Boiss.*) *K.H. Rechinger in Pl. Syst. Evol.*, 151(3-4): 291 (1986): D. fimbriatus var. obtusisquameus.
- subsp. stenocalyx (*Boiss.*) *K.H. Rechinger in Pl. Syst. Evol.*, 151(3-4): 292 (1986): D. fimbriatus var. stenocalyx.
- palinensis *S.S. Ying, Coloured Illustr. Fl. Taiwan*, 2: 693 (1987)—Taiwan.
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 subsp. requienii (*Godron*) *M. Bernal, Lainz & Muñoz Garmendia in An. Jard. Bot. Madrid*, 44(2): 569 (1987): D. requienii.
 subsp. vigoii (*Lainz*) *O. de Bolòs & J. Vigo, Fl. Països Catalans*, 2: 757 (1990): D. vigoii.
- serratifolius
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- austromontana *K.E. Steiner in S. Afr. J. Bot.*, 55(2): 250 (1989)—South Africa (Natal), Lesotho.
 transkeiana *O.M. Hilliard & B.L. Burt in Notes Roy. Bot. Gard. Edinburgh*, 45(1): 87 (1988)—South Africa (Cape Province).

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- macrocapnos *D. Prain in J. Asiat. Soc. Bengal*, 65: 11, 12 (1896)—India.

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 tamboensis *C.H. Dodson in Ic. Pl. Trop.*, Ser. 2, 5: t. 442 (1989)—Ecuador.
 undulifolia *C.H. Dodson in Ic. Pl. Trop.*, Ser. 2, 5: t. 444 (1989)—Ecuador.

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- ensifolium
 var. breve (*A. Hitchcock & Chase*) *B.F. Hansen & R.P. Wunderlin in Ann. Missouri Bot. Gard.*, 75(4): 1646 (1988 publ. 1989): *Panicum breve*.
 var. unciphyllum (*Trinius*) *B.F. Hansen & R.P. Wunderlin in Ann. Missouri Bot. Gard.*, 75(4): 1647 (1988 publ. 1989): *Panicum unciphyllum*.
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 subsp. humilium (*J. Black*) *B.K. Simon in Austrobaileya*, 3(1): 83 (1989): D. humilium.
 subsp. polystachyum (*Benth.*) *B.K. Simon in Austrobaileya*, 3(1): 84 (1989): *Andropogon sericeus* var. polystachyus.
 tuberculatum (*Hack.*) *G. Singh in J. Econ. Taxon. Bot.*, 8(2): 497 (1986): *Andropogon tuberculatus*.

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- beckii *J. Fernández Casas in Fontqueria*, 2: 15 (1982)—Bolivia.
 bernalii *G.T. Prance in Brittonia*, 40(4): 441 (1988)—Colombia.
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 mexicanum *G.T. Prance in Brittonia*, 40(4): 442 (1988)—Mexico.

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- potamophilum *F.J. Breteler in Agric. Univ. Wageningen Pap.*, 86(3): 39 (1986)—Gabon, Cameroun.
 prancei *J. Fernández Casas in Fontqueria*, 2: 15 (1982)—Paraguay.

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- reflexus (*N.E. Br.*) *A.L. Schutte in S. Afr. J. Bot.*, 54(2): 184 (1988): *Argyrolobium reflexum*.

DICHOCARPUM (Ranunculac.).

- ser.* Dalzielia (*Tamura & Lauener*) *D.Z. Fu in Acta Phytotax. Sin.*, 26(4): 259 (1988), as 'Dalzieliana': *D. sect. Dalzielia*.
ser. Trachysperma (*Tamura & Lauener*) *D.Z. Fu in Acta Phytotax. Sin.*, 26(4): 263 (1988): *D. subsect. Trachysperma*.
 adiantifolium
var. sutchuenense (*Franch.*) *D.Z. Fu in Acta Phytotax. Sin.*, 26(4): 257 (1988): *Isoopyrum sutchuenense*.
 auriculatum
var. puberulum *D.Z. Fu in Acta Phytotax. Sin.*, 26(4): 258 (1988)—China.
 carinatum *D.Z. Fu in Acta Phytotax. Sin.*, 26(4): 258 (1988)—China.
 dicarpon
var. decumbens *M. Tamura & K. Kosuge in Acta Phytotax. Geobot.*, 39(1-3): 45 (1988)—Japan.
var. univalve (*Ohwi*) *D.Z. Fu in Acta Phytotax. Sin.*, 26(4): 261 (1988): *Isoopyrum dicarpon var. univalve*.
 malipoenense *D.D. Tao in Acta Phytotax. Geobot.*, 40(5-6): 179 (1989)—China.
 nipponicum
var. sarmentosum (*Ohwi*) *M. Tamura & K. Kosuge in Acta Phytotax. Geobot.*, 39(1-3): 44 (1988): *Isoopyrum nipponicum var. sarmentosum*.

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- capillipes (*Endl.*) *N.H. Britton in Fl. Australia*, 45: 485 (1987): *Arthropodium capillipes*.
 preissii (*Endl.*) *N.H. Britton in Fl. Australia*, 45: 486 (1987): *Arthropodium preissii*.
 tyleri *N.H. Britton in Fl. Australia*, 45: 486, 345 (1987)—Australia (W. Australia).

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- limosa (*Maxim.*) *A.E. Kozhevnikov in Sosud. Rast. Sovet. Dal'nego Vostoka*, 3: 221 (1988): *Cyperus limosus*.

DICHROA (Hydrangeac.).

- ser.* Mollissimae *S.M. Hwang in Acta Phytotax. Sin.*, 25(5): 386 (1987).
sect. Silvicola *S.M. Hwang in Acta Phytotax. Sin.*, 25(5): 388 (1987).
 yunnanensis *S.M. Hwang in Acta Phytotax. Sin.*, 25(5): 387 (1987)—China.

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- glabra *R.M. Barker in J. Adelaide Bot. Gard.*, 9: 171 (1986)—Australia (W. Australia).

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- javanicus (*Bl.*) *W. Theobald in F. Mason, Burmah*, ed. 3, 2: 605 (1883); *cf. D.J. Mabberley in Taxon*, 34(1): 155 (1985): *Trichospermum javanicum*.

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var. nazimii *K.A. Malik & A. Ghafoor in Fl. Pakistan*, 188: 25 (1988)—Pakistan.
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 cleistogama *J.R.I. Wood in Kew Bull.*, 43(1): 9 (1988)—Colombia.

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- falcata (*Lam.*) *J. Bosser & H. Heine in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 10(2): 146 (1988): *Justicia falcata*.
 felix *J.R.I. Wood in Kew Bull.*, 43(1): 5 (1988)—Colombia.
 fionae *K. Balkwill in S. Afr. J. Bot.*, 54(1): 55 (1988)—South Africa (Transvaal).
 fruticosa *K. Balkwill in Flow. Pl. Afr.*, 49(1-2): t. 1933 (1986)—South Africa (Transvaal).
 miscella *R.M. Barker in J. Adelaide Bot. Gard.*, 9: 187 (1986)—Australia (W. Australia).
 nasikensis *P. Lakshminarasimhan & B.D. Sharma in J. Econ. Taxon. Bot.*, 7(2): 481 (1985 publ. 1986)—India.
 rauhii *D.C. Wasshausen in Beitr. Biol. Pfl.*, 63(3): 425 (1988)—Peru.
 saxicola *J.R.I. Wood in Kew Bull.*, 43(1): 11 (1988)—Colombia.

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- umbrophila *B.E. Hammel in Phytologia*, 60(1): 9 (1986)—Costa Rica.

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- acuminata
subsp. microcarpa *J. van Dijk in Blumea*, 31(2): 445 (1986)—New Guinea (W. Irian).

DICTYOPHLEBA (Apocynac.).

- setosa *B. de Hoogh in Bull. Jard. Bot. Nation. Belg.*, 59(1-2): 220 (1989)—Cameroun.

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 dietschiana (*Edwall*) *L.A. Garay in Bot. Mus. Leaf. Harvard Univ.*, 30(4): 231 (1986): *Vanilla dietschiana*.

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- cussoni (*Montr.*) *A. Guillaumin & G. Beauvisage in Ann. Soc. Bot. Lyon*, 38: 94 (1913 publ. 1914); *et Sp. Montrouz.*: 20 (1914) (reprint): *Hydrocotyle cussoni*.†

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- porphyrantha *A. Weber & R. Kiew in Gard. Bull. Singapore*, 41(1): 1 (1988)—Malaya.

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- sect.* Codonoboeca (*Ridley*) *R. Kiew in Blumea*, 35(1): 171 (1990): *gen. Codonoboeca*.
 adenocalyx *W.T. Wang in Guihaia*, 6(1-2): 11 (1986)—China.
 breviflorus (*Ridl.*) *A. Weber & R. Kiew in Gard. Bull. Singapore*, 41(1): 7 (1988): *Didissandra breviflora*.
 caelestis (*Ridley*) *R. Kiew in Blumea*, 35(1): 175 (1990): *Codonoboeca caelestis*.
 codonion *R. Kiew in Gard. Bull. Singapore*, 42(1-2): 49 (1989 publ. 1990)—Malaya.
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 lithophilus *R. Kiew in Gard. Bull. Singapore*, 42(1-2): 54 (1989 publ. 1990), *nom. nov.*: *D. kompsoboeca Ridley*.
 nitidus *R. Kiew & A. Weber in Gard. Bull. Singapore*, 41(1): 4 (1988)—Malaya.
 niveus (*Kiew*) *R. Kiew in Blumea*, 35(1): 174 (1990): *Codonoboeca nivea*.
 polyanthoides *R. Kiew in Gard. Bull. Singapore*, 42(1-2): 56 (1989 publ. 1990)—Malaya.
 yongii *R. Kiew in Gard. Bull. Singapore*, 42(1-2): 62 (1989 publ. 1990)—Malaya.

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- caffra (*Thunb.*) *I. Friis & M. Wilmot-Dear in Bol. Soc. Brot.*, 58: 210 (1985): *Urtica caffra*.

DIDYMODOXA :-

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var. integrifolia (*Wedd.*) *I. Friis & C.M. Wilmot-Dear in Nordic J. Bot.*, 7(2): 126 (1987): *Australina integrifolia*.

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- pachystomoides (*F. Muell.*) *L.A. Garay & W. Kittredge in Bot. Mus. Leaf. Harvard Univ.*, 30(3): (48) 182 (1985 publ. 1986): *Pogonia pachystomoides*.

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 liesneri *T.B. Croat in Aroideana*, 9(1-4): 62 (1986)—Venezuela.
 longipistula *T.B. Croat in Aroideana*, 9(1-4): 65 (1986)—Venezuela.

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- adelpicum *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 45(1): 78 (1988)—South Africa (Transvaal).
 ambiguum *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 45(1): 79 (1988)—South Africa (Natal, Cape Province).
 cupuliflorum
subsp. caudatum *W. Marais in Notes Roy. Bot. Gard. Edinburgh*, 45(1): 105 (1988)—Tanzania.
 densiflorum *W. Marais in Notes Roy. Bot. Gard. Edinburgh*, 45(1): 105 (1988)—Tanzania.
 dissimile *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 45(1): 79 (1988)—South Africa (Natal, Cape Province).
 dracomontanum *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 45(1): 79 (1988)—South Africa (Natal, Orange Free State).
 erectum *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 45(1): 80 (1988)—South Africa (Natal).
 floriferum *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 45(1): 80 (1988)—South Africa (Natal, Transvaal).
 formosum *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 45(1): 80 (1988)—Zimbabwe, Malawi, Mozambique, South Africa (Transvaal).
 inyangense *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 45(1): 81 (1988)—Zimbabwe, Mozambique.
 jucundum *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 45(1): 81 (1988)—South Africa (Cape Province), Lesotho.
 longistylum *W. Marais in Notes Roy. Bot. Gard. Edinburgh*, 45(1): 105 (1988)—Tanzania.
 mobile *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 45(1): 81 (1988)—South Africa (Transvaal), Swaziland.
 mossii (*N.E. Br.*) *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 45(1): 82 (1988): *D. medium var. mossii*.
 nebrownii *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 45(1): 82 (1988)—South Africa (Transvaal).
 parviflorum *W. Marais in Notes Roy. Bot. Gard. Edinburgh*, 45(1): 105 (1988)—Tanzania.
 tyrium *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 45(1): 82 (1988)—South Africa (Natal, Transvaal).

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- fusiformis *E.J. Lott in Brittonia*, 38(4): 407 (1986)—Mexico.

DIFLUGOSSA (Acanthac.).

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DIGITACALIA (Compos.).

- crypta *B.L. Turner in Phytologia*, 69(3): 152 (1990)—Mexico.

DIGITACALIA :-

- hintoniorum *B.L. Turner in Phytologia*, 69(3): 155 (1990)—Mexico.
 jatrophoides
var. pentaloba B.L. Turner in Phytologia, 69(3): 158 (1990)—Mexico.

DIGITALIS (Scrophulariac.).

- ×campbelliana *W. Baxt. in Loud., Hort. Brit., add. supp. 2*: 630 (1839); *cf. D.J. Mabberley in Taxon*, 31(1): 70 (1982)—Locality not stated.
 dubia
var. palaui (Garcias & Marcos) J.J. Pericás & J.A. Rosselló in Candollea, 42(1): 395 (1987); *D. dubia* subsp. *palaui*.
 ferruginea
f. membranaceoviolacea A. Sigunov in Fl. SR Srbije, 10: 351 (1986), as 'membranaceo-violacea'—Yugoslavia.
 mariana
subsp. heywoodii (Pinto da Silva & Silva) P.A. Hinz in Candollea, 44(1): 168 (1989); *D. purpurea* subsp. *heywoodii*.
 micrantha *Roth ex Schweigg., Enum. Pl. Hort. Bot. Regiom.*: 31 (1812); *cf. D.J. Mabberley in Taxon*, 33(3): 442 (1984)—Locality not stated.
 minor
var. palaui (Garcias & Marcos) P.-A. Hinz & Rosselló in Candollea, 42(2): 714 (1987); *D. dubia* subsp. *palaui*.
 purpurea
subsp. amandiana (Samp.) P.A. Hinz in Candollea, 45(1): 168 (1990); *D. amandiana*.
subsp. bocquetii B. Valdés in Lagasalia, 14(1): 96 (1986)—Spain.
subsp. carpetana (Rivas Mateos) S. Rivas-Martínez, F. Fernández González & D. Sánchez-Mata in Opusc. Bot. Pharm. Complutensis, 2: 108 (1986); *D. purpurea* var. *carpetana*.
subsp. nevadensis (Kunze) S. Rivas-Martínez, F. Fernández González & D. Sánchez-Mata in Opusc. Bot. Pharm. Complutensis, 2: 108 (1986); *D. nevadensis*.
subsp. toletana (Font Quer) P.A. Hinz in Candollea, 45(1): 172 (1990); *D. purpurea* var. *toletana*.

DIGITARIA (Gramin.).

- brunoana *F.M. Raimondo in Giorn. Bot. Ital.*, 122(5-6): 252 (1988 publ. 1989)—Somali Republic.
 ciliata *Lag., Elenchus*: 6 (1816); *cf. D.J. Mabberley in Taxon*, 31(1): 70 (1982)—Locality not stated.
var. arenicola (Swallen) R.D. Webster in Syst. Bot., 13(4): 594 (1988); *Leptoloma arenicola*.
subsp. pubiflora (Vasey ex L.H. Dewey) J.K. Wipff in Sida, 13(1): 120 (1988); *Panicum autumnale* var. *pubiflorum*.
 dusenii *Chase ex S.A. Renvoize in Kew Bull.*, 42(4): 923 (1987)—Brazil.
 hengduanensis *L. Liou in Bot. Res., Inst. Bot. (Beijing)*, 1989(4): 37 (1989)—China.
 neghellensis *J.P. Lebrun in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 10(3): 271 (1988 publ. 1989)—Ethiopia.
 paniculata *Soderstrom ex R. McVaugh, Fl. Novo-Galiciana*, 14: 143 (1983)—Mexico.
 paspaliformis *J. Woods, Tourist's Fl.*: 396 (1850)—France.
 ×umfolozi *D.W. Hall in Turrialba*, 33(3): 327 (1983)—Cultivation ex U.S.A. (Florida). (*D. setivalva* × *valida*).

DILCHIOPSIS (Hook.f.) F.G. Brieger in Schlechter Orchideen, 1(11-12): 662 (1881), as 'Dilochopsis', in I.K. Supp. 18 as 'Dolichopsis': *Eria* sect. *Dilochopsis* (Orchidac.).†**DILODENDRON** (Sapindac.).

- costaricense (*Radlk.*) *A.H. Gentry & J. Steyermark in Ann. Missouri Bot. Gard.*, 74(3): 536 (1987); *Dipterodendron costaricense*.
 elegans (*Radlk.*) *A.H. Gentry & J. Steyermark in Ann. Missouri Bot. Gard.*, 74(3): 537 (1987); *D. bipinnatum* var. *elegans*.

DILOMILIS (Orchidac.).

- filicina *D.D. Dod in Moscosoa*, 5: 228 (1989)—Hispaniola (Haiti).

DILOPHIA (Crucif.).

- fontana
var. trichocarpum W.T. Wang in Acta Bot. Yunnanica, 9(1): 3 (1987)—Xizang, China, Xinjiang.

DIMERANDRA (Orchidac.).

- buenaventurae (*Krzel.*) *E.S. Siegerist in Bot. Mus. Leaf. Harvard Univ.*, 30(4): 205 (1986); *Telipogon buenaventurae*.
 carnosiflora *E.S. Siegerist in Bot. Mus. Leaf. Harvard Univ.*, 30(4): 206 (1986)—Peru, Brazil.
 elegans (*Focke*) *E.S. Siegerist in Bot. Mus. Leaf. Harvard Univ.*, 30(4): 207 (1986); *Isochilus elegans*.
 latipetala *E.S. Siegerist in Bot. Mus. Leaf. Harvard Univ.*, 30(4): 211 (1986)—Nicaragua, Guatemala, Costa Rica, Panama, Colombia.
 tarapotana *C.H. Dodson & D.E. Bennett in Ic. Pl. Trop.*, Ser. 2, 1: t. 49 (1989)—Peru.
 tenuicaulis (*Rchb.f.*) *E.S. Siegerist in Bot. Mus. Leaf. Harvard Univ.*, 30(4): 213 (1986); *Epidendrum stenopetalum* var. *tenuicaule*.

DIMERIA (Gramin.).

- balakrishnaniana *K. Ravikumar, P.V. Sreekumar & V. Lakshmanan in Kew Bull.*, 45(3): 573 (1990)—India.
 jainii *P.V. Sreekumar, V.J. Nair & N.C. Nair in Curr. Sci.*, 52(6): 259 (1983)—India.

DIMETOPHA (Umbellif.).

- preissiana *Bunge, Del. Sem. Hort. Bot. Dorpat.*, 1846: 3 (1846); *Ann. Sci. Nat. III*, 7: 190 (1847); *cf. D.J. Mabberley in Taxon*, 33(3): 442 (1984)—Locality not stated.

DIMORPHANDRA (Legumin.).

- cuprea
subsp. ferruginea (Ducke) M.F. da Silva in Fl. Neotrop., 44: 94 (1986); *D. ferruginea*.
subsp. velutina (Ducke) M.F. da Silva in Fl. Neotrop., 44: 97 (1986); *D. velutina*.
 macrostachya
subsp. congestiflora (Sprague & Sandwith) M.F. da Silva in Fl. Neotrop., 44: 109 (1986); *D. congestiflora*.
subsp. glabrifolia (Ducke) M.F. da Silva in Fl. Neotrop., 44: 106 (1986); *D. glabrifolia*.

DIMORPHANTHERA (Ericac.).

- seramica *G.C.G. Argent & M. Warwick in Notes Roy. Bot. Gard. Edinburgh*, 46(1): 33 (1989)—Moluccas.

DIMORPHANTHUS (Araliac.).

- japonicus (*Thunb.*) *Endl., Cat. Horti Vindob.*, 2: 176 (1842); *cf. D.J. Mabberley in Taxon*, 33(3): 435 (1984); *Basionym* not stated.

DIMORPHORCHIS (Orchidac.).

- rossii *J.A. Fowlie in Orchid Dig.*, 53(1): 14 (1989)—Borneo (Sabah).

DINEBRA (Gramin.).

- dura (*L.*) *Lag., Elenchus*: 6 (1816); *cf. D.J. Mabberley in Taxon*, 31(1): 70 (1982); *Basionym* not stated.

DINOCHLOA (Gramin.).

- darvelana *S. Dransfield in Kew Bull.*, 44(3): 435 (1989)—Borneo (Sabah, Kalimantan).

DIOCLEA (Legumin.).

- holtiana *R.H. Maxwell in Ann. Missouri Bot. Gard.*, 77(3): 584 (1990)—Venezuela.
 ruddiae *R.H. Maxwell in Ann. Missouri Bot. Gard.*, 75(2): 730 (1988)—Venezuela.
 scabra (*Rich.*) *R.H. Maxwell in Ann. Missouri Bot. Gard.*, 77(3): 578 (1990); *Dolichos scaber*.
var. brownii R.H. Maxwell in Ann. Missouri Bot. Gard., 77(3): 579 (1990)—Venezuela.
var. schulzii R.H. Maxwell in Ann. Missouri Bot. Gard., 77(3): 581 (1990)—Guyana.
 steyermarkii *R.H. Maxwell in Ann. Missouri Bot. Gard.*, 77(3): 585 (1990)—Venezuela.
 virgata
var. crenata R.H. Maxwell in Ann. Missouri Bot. Gard., 77(3): 585 (1990)—Venezuela.

DIONYSIA (Primulac.).

- subsect. *Afghanicae C. Grey-Wilson, Genus Dionysia*: 168 (1989).
 caespitosa
subsp. bolivarii (Pau) C. Grey-Wilson, Genus Dionysia: 99 (1989); *D. bolivarii*.
 sarvestanica *Z. Jamzad & C. Grey-Wilson in Kew Bull.*, 44(1): 124 (1989)—Iran.

DIORA P. Ravenna in *Op. Bot.*, 92: 189 (1987).
ANTHERICACEAE.

- cajamarcaensis (*Poelln.*) *P. Ravenna in Op. Bot.*, 92: 191 (1987); *Anthericum cajamarcaense*.

DIOSCOREA (Dioscoreac.).

- abysmophila *B. Maguire & J.A. Steyermark in Mem. New York Bot. Gard.*, 51: 105 (1989)—Venezuela.
 basiclavicaulis *C.T. Rizzini & A. de Mattos-Filho in Rev. Brasil. Biol.*, 46(2): 317 (1986)—Brazil.
 berenicea *R. McVaugh, Fl. Novo-Galiciana*, 15: 362 (1989)—Mexico.
 chamela *R. McVaugh, Fl. Novo-Galiciana*, 15: 364 (1989)—Mexico.
 esculenta
var. tiliaefolia (Kunth) F.R. Fosberg & M.H. Sacht in Micronesica, 20(1-2): 135 (1987); *D. tiliaefolia*.
 japonica *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14*: 889 (1784)—Japan.†
 koyamae *A.H. Magdon Jayasuriya in Brittonia*, 42(2): 142 (1990)—Sri Lanka.
 mcvaughii *B.G. Schubert in R. McVaugh, Fl. Novo-Galiciana*, 15: 369 (1989), as 'mcvaughii'—Mexico.
 matudae *O. Téllez V. & B.G. Schubert in Ann. Missouri Bot. Gard.*, 74(3): 539 (1987)—Mexico.
 menglaensis *H. Li in Fl. Yunnanica*, 3: 744 (1983)—China.
 nanlaensis *H. Li in Fl. Yunnanica*, 3: 739 (1983)—China.
 neblinensis *B. Maguire & J.A. Steyermark in Mem. New York Bot. Gard.*, 51: 108 (1989)—Venezuela.
 oreodoxa *B.G. Schubert in R. McVaugh, Fl. Novo-Galiciana*, 15: 378 (1989)—Mexico.
 quinquelobata *C.P. Thunberg ex A. Murray in Linn.f., Syst. Veg., ed. 14*: 889 (1784)—Japan.†
 septemloba *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14*: 889 (1784)—Japan.†
 sessiliflora *R. McVaugh, Fl. Novo-Galiciana*, 15: 384 (1989)—Mexico.
 spiculiflora
var. fasciculocongesta V. Sosa & B.G. Schubert in Biotica, 11(3): 187 (1986)—Mexico.
 spongiosa *J.Q. Xi, M. Mizuno & W.L. Zhao in Acta Phytotax. Sin.*, 25(1): 52 (1987)—China.

DIOSMA (Rutac.).

- acuminata (*Wendl.*) *C.C. Gmel., Hort. Mag. Duc. Bad. Carlsruh.*: 93 (1811); *cf. D.J. Mabberley in Taxon*, 33(3): 440 (1984); *Basionym* not stated.
 aristata *I. Williams in J. S. Afr. Bot.*, 41(3): 180 (1975), in *Supp.* 16 as 'aristata' in error—South Africa (Cape Province).†
 huegeliana *Vis., Ort. Bot. Padova*: 76, 139 (1842); *cf. D.J. Mabberley in Taxon*, 33(3): 442 (1984)—Locality not stated.
 umbellata (*Wendl.*) *Hort. Cels. ex C.C. Gmel., Hort. Mag. Duc. Bad. Carlsruh.*: 94 (1811); *cf. D.J. Mabberley in Taxon*, 33(3): 440 (1984); *Basionym* not stated.

DIOSPYROS (Ebenac.).

- abyssinica
subsp. attenuata F. White in Bull. Jard. Bot. Nation. Belg., 58(3-4): 381 (1988)—Zimbabwe, Malawi.
subsp. reticulata F. White in Bull. Jard. Bot. Nation. Belg., 58(3-4): 383 (1988)—Tanzania.
 armata
var. pilosa Z.Y. Zhang in Fl. Tsinlingensis, 1(4): 394, 57 (1983)—China.
var. sinensis (Hemsl.) Z.Y. Zhang in Fl. Tsinlingensis, 1(4): 57 (1983); *D. sinensis*.
 capricornuta *F. White in Bull. Jard. Bot. Nation. Belg.*, 58(3-4): 405 (1988)—Tanzania.
 crassinervis
subsp. urbaniana (Leonard) Alain H. Liogier in Phytologia, 63(1): 65 (1987); *Maba urbaniana*.

DIOSPYROS :-

- ferrea*
var. compacta (R. Br.) F.R. Fosberg in *Brittonia*, 40(1): 61 (1988): Maba compacta.
greenwayi F. White in *Bull. Jard. Bot. Nation. Belg.*, 58(3-4): 392 (1988)—Kenya, Tanzania.
kabuyeana F. White in *Bull. Jard. Bot. Nation. Belg.*, 58(3-4): 401 (1988)—Tanzania, Kenya.
kaki C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 918 (1784)—Japan. †
kanurii F. White in *Bull. Jard. Bot. Nation. Belg.*, 58(3-4): 364 (1988)—Kenya.
lotus
f. longifolia Z.Y. Zhang in *Fl. Tsinlingensis*, 1(4): 395, 60 (1983)—China.
magogoana F. White in *Bull. Jard. Bot. Nation. Belg.*, 58(3-4): 398 (1988)—Tanzania.
occulta F. White in *Bull. Jard. Bot. Nation. Belg.*, 58(3-4): 399 (1988)—Tanzania.
sandwicensis
var. arachnoidea H. St. John in *Phytologia*, 59(6): 391 (1986)—Hawaiian Is.
var. degeneri (Fosb.) H. St. John in *Phytologia*, 59(6): 392 (1986): *D. ferrea* var. *degeneri*.
var. elliptica H. St. John in *Phytologia*, 59(6): 392 (1986)—Hawaiian Is.
var. frameata H. St. John in *Phytologia*, 59(6): 392 (1986)—Hawaiian Is.
var. kauaiensis (Fosb.) H. St. John in *Phytologia*, 59(6): 393 (1986): *D. ferrea* var. *kauaiensis*.
var. kokeeensis H. St. John in *Phytologia*, 59(6): 393 (1986)—Hawaiian Is.
var. lanaiensis (Fosb.) H. St. John in *Phytologia*, 59(6): 393 (1986): *D. ferrea* f. *lanaiensis*.
var. miloliensis H. St. John in *Phytologia*, 59(6): 394 (1986)—Hawaiian Is.
var. oahuensis H. St. John in *Phytologia*, 59(6): 394 (1986)—Hawaiian Is.
var. obtusa (Fosb.) H. St. John in *Phytologia*, 59(6): 394 (1986): *D. ferrea* f. *obtusa*.
var. ovalis H. St. John in *Phytologia*, 59(6): 395 (1986)—Hawaiian Is.
var. perpubescens H. St. John in *Phytologia*, 59(6): 395 (1986)—Hawaiian Is.
var. puberula H. St. John in *Phytologia*, 59(6): 399 (1986)—Hawaiian Is.
var. pubescens (Skottsb.) H. St. John in *Phytologia*, 59(6): 395 (1986): Maba *sandwicensis* var. *pubescens*.
var. rotundata H. St. John in *Phytologia*, 59(6): 396 (1986)—Hawaiian Is.
var. rugosa H. St. John in *Phytologia*, 59(6): 397 (1986)—Hawaiian Is.
var. sclerophylla (Fosb.) H. St. John in *Phytologia*, 59(6): 397 (1986): *D. ferrea* f. *sclerophylla*.
var. toppingii (Fosb.) H. St. John in *Phytologia*, 59(6): 397 (1986): *D. ferrea* var. *toppingii*.
var. wailaensis (Fosb.) H. St. John in *Phytologia*, 59(6): 398 (1986): *D. ferrea* f. *wailaensis*.
var. wiebkei (Fosb.) H. St. John in *Phytologia*, 59(6): 398 (1986): *D. ferrea* f. *wiebkei*.
shimbaensis F. White in *Bull. Jard. Bot. Nation. Belg.*, 58(3-4): 385 (1988)—Kenya.
wajirensis F. White in *Bull. Jard. Bot. Nation. Belg.*, 58(3-4): 359 (1988)—Kenya, Somali Republic.
xolocotzii X. Madrigal-Sanchez & J. Rzedowski in *Acta Bot. Mex.*, 1: 3 (1988)—Mexico.
xylopaefolia A. Guillaumin in *Mém. Mus. Nation. Hist. Nat. Nouv. Sér., B (Paris)*, 15(2): 119 (1967), without type—New Caledonia.

DIPHYLAX (Orchidac.).

- uniformis* (Tang & Wang) Tang, Wang & K.Y. Lang in *Bot. Res., Inst. Bot. (Beijing)*, 1989(4): 11 (1989): *Platanthera uniformis*.

DIPHYSIA (Legumin.).

- americana* (Miller) M. Sousa S. in *Ann. Missouri Bot. Gard.*, 77(3): 576 (1990): *Colutea americana*.

DIPLOCLISIA (Menispermac.).

- glaucescens*
var. kunstleri (King) A. Pramanik & K. Thothathri in *Kew Bull.*, 42(3): 705 (1987): *Cocculus kunstleri*.

DIPLOCYCLOS (Cucurbitac.).

- palmatus*
subsp. affinis (Endl.) P.S. Green in *Kew Bull.*, 45(2): 238 (1990): *Bryonia affinis*.

DIPLOGLOTTIS (Sapindac.).

- berniana* S.T. Reynolds in *Austrobaileya*, 2(4): 328 (1987)—Australia (Queensland).
obovata S.T. Reynolds in *Austrobaileya*, 2(4): 330 (1987)—Australia (Queensland).

DIPLOKNEMA (Sapotac.).

- yunnanensis* D.D. Tao, Z.H. Yang & Q.T. Zhang in *Acta Bot. Yunnanica*, 10(2): 257 (1988)—China.

DIPLOLABELLUM (Orchidac.).

- confluens* (Hand.-Mazt.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaf. Harvard Univ.*, 30(3): (48) 182 (1985 publ. 1986): *Oreorchis patens* var. *confluens*.

DIPLOMERIS (Orchidac.).

- josephii* A. Nageswara Rao & M.S. Swaminathan in *Indian Orchid J.*, 2(1): 5 (1987)—India.

DIPLOSPORA (Rubiace.).

- parkinsonii* M. Gangopadhyay & T. Chakrabarty in *J. Econ. Taxon. Bot.*, 12(2): 497 (1988 publ. 1989), nom. nov.: *Pubistylis andamanensis* Thoth.

DIPLOSTEPHIUM (Compos.).

- amygdalinum* Sweet, *Hort. Brit.*, ed. 2: 295 (1830); cf. *D.J. Mabberley in Taxon*, 30(1): 15 (1981)—Locality not stated.
humile (Willd.) Sweet, *Hort. Brit.*, ed. 2: 295 (1830); cf. *D.J. Mabberley in Taxon*, 30(1): 15 (1981): Basionym not stated.
linifolium (L.) Sweet, *Hort. Brit.*, ed. 2: 295 (1830); cf. *D.J. Mabberley in Taxon*, 30(1): 15 (1981): Aster *linifolius*.
rigidum (Pursh) Sweet, *Hort. Brit.*, ed. 2: 295 (1830); cf. *D.J. Mabberley in Taxon*, 30(1): 15 (1981): Basionym not stated.

DIPLOTAENIA (Umbellif.).

- damavandica* Mozaffarian, I.C. Hedge & J.M. Lamond in *Fl. Iran.*, 162: 373 (1987)—Iran.

DIPLOTAXIS (Crucif.).

- decumbens* (Chev.) Ø.H. Rustan & L. Borgen in *Bocagiana*, 47: 4 (1979): *Sinapidendron decumbens*.
harra
subsp. intricata (Willk.) O. de Bolòs & J. Vigo, *Fl. Països Catalans*, 2: 57 (1990): *Pendulina intricata*.
subsp. lagascana (DC.) O. de Bolòs & J. Vigo, *Fl. Països Catalans*, 2: 57 (1990): *D. lagascana*.
hirta (Chev.) Ø.H. Rustan & L. Borgen in *Bocagiana*, 47: 4 (1979): *Sinapidendron hirtum*.

DIPLOTROPIS (Legumin.).

- sect. Racemosae* H.C. de Lima in *Acta Amazonica*, 15(1-2): 63 (1985 publ. 1986).

DIPPLUSODON (Lythrac.).

- adpressipilus* A. Lourteig in *Bradea*, 5(19): 236 (1989)—Brazil.
appendiculosus A. Lourteig in *Bradea*, 5(19): 219 (1989)—Brazil.
argenteus A. Lourteig in *Bradea*, 5(19): 221 (1989)—Brazil.
cordifolius A. Lourteig in *Bradea*, 5(19): 222 (1989)—Brazil.
ericoides A. Lourteig in *Bradea*, 5(19): 213 (1989)—Brazil.
fastigiatus A. Lourteig in *Bradea*, 5(19): 236 (1989)—Brazil.
hatschbachii A. Lourteig in *Bradea*, 5(19): 226 (1989)—Brazil.
heringeri A. Lourteig in *Bradea*, 5(19): 239 (1989)—Brazil.
irwinii A. Lourteig in *Bradea*, 5(19): 231 (1989)—Brazil.
leucocalycinus A. Lourteig in *Bradea*, 5(19): 232 (1989)—Brazil.
minasensis A. Lourteig in *Bradea*, 5(19): 229 (1989)—Brazil.

DIPPLUSODON :-

- paraisoensis* A. Lourteig in *Bradea*, 5(19): 240 (1989)—Brazil.
psammophilus A. Lourteig in *Bradea*, 5(19): 212 (1989)—Brazil.
saxatilis A. Lourteig in *Bradea*, 5(19): 218 (1989)—Brazil.
sigillatus A. Lourteig in *Bradea*, 5(19): 237 (1989)—Brazil.
urceolatus A. Lourteig in *Bradea*, 5(19): 233 (1989)—Brazil.
vidalii A. Lourteig in *Bradea*, 5(19): 216 (1989)—Brazil.
xerampelinus A. Lourteig in *Bradea*, 5(19): 230 (1989)—Brazil.

DIPLYCOSIA (Ericac.).

- hirtiflora* G.C.G. Argent in *Notes Roy. Bot. Gard. Edinburgh*, 46(1): 17 (1989)—Borneo (Sabah).
lotungensis G.C.G. Argent in *Notes Roy. Bot. Gard. Edinburgh*, 46(1): 19 (1989)—Borneo (Sabah).

DIPODIUM (Orchidac.).

- pulchellum* D.L. Jones & M.A. Clements in *Proc. Roy. Soc. Queensl.*, 98: 128 (1987)—Australia (Queensland).
squamatum (Forst. f.) Sm. in *Rees, Cyclop.*, 39(2): Dipodium n. 2 (1819); cf. *D.J. Mabberley in Taxon*, 32(1): 82 (1983): Basionym not stated.
variegatum M.A. Clements & D.L. Jones in *Proc. Roy. Soc. Queensl.*, 98: 128 (1987)—Australia (Queensland, New South Wales, Victoria).

DIPSACUS (Dipsacac.).

- cyanocapitatus* C.Y. Cheng & T.M. Ai in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(3): 10 (1990)—China.
daliensis T.M. Ai in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(3): 6 (1990)—China.
var. multifidus H.B. Chen in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(3): 8 (1990)—China.
enshiensis C.Y. Cheng & T.M. Ai in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 85 (1988)—China.
lijigensis T.M. Ai & H.B. Chen in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(3): 9 (1990)—China.
lushanensis C.Y. Cheng & T.M. Ai in *J. Wuhan Bot. Res.*, 7(1): 27 (1989)—China.

DIPTERACANTHUS (Acanthac.).

- australasicus*
subsp. corynothecus (F. Muell. ex Benth.) R.M. Barker in *J. Adelaide Bot. Gard.*, 9: 89 (1986): *Ruellia corynotheca*.
subsp. dalyensis R.M. Barker in *J. Adelaide Bot. Gard.*, 9: 92 (1986)—Australia (N. Terr.).
subsp. glabratus R.M. Barker in *J. Adelaide Bot. Gard.*, 9: 91 (1986)—Australia (S. Australia).
oblongatus Nees, *Del. Sem. Hort. Bot. Vratislav.*, 1840; *Linnaea* 13, Lit.: 126 (?1841); cf. *D.J. Mabberley in Taxon*, 32(1): 84 (1983)—Locality not stated.
pedunculatus Huber, *Supp. Cat. 1870*: 3 (1870-71); *Wochenschrift*, 14: 159 (1871); cf. *D.J. Mabberley in Taxon*, 34(3): 450 (1985)—Locality not stated.
schaerianus Nees, *Del. Sem. Hort. Bot. Vratislav.*, 1838; *Linnaea* 13, Lit.: 118 (?1840); cf. *D.J. Mabberley in Taxon*, 32(1): 84 (1983)—Locality not stated.
strictus Nees, *Del. Sem. Hort. Bot. Vratislav.*, 1838; *Linnaea* 13, Lit.: 119 (?1840); cf. *D.J. Mabberley in Taxon*, 32(1): 84 (1983)—Locality not stated.

DIPTEROCARPUS (Dipterocarpace.).

- andamanicus* (King) P.K. Tewary & A.K. Sarkar in *Proc. Third Round Table Conf. on Dipterocarps* (ed. A.J.G.H. Kostermans): 542 (15 May 1987); et in *Indian J. Forest.*, 10(1): 63 (20 May 1987): *D. turbinatus* var. *andamanicus*.
scaber F. Buchanan-Hamilton in *Mem. Wern. Soc.*, 6: 300 (1832); cf. *D.J. Mabberley in Taxon*, 26(5-6): 527 (1977)—India. †

DISA (Orchidac.).

- cedarbergensis* H.P. Linder in *S. Afr. J. Bot.*, 54(5): 497 (1988)—South Africa (Cape Province).
lutea H.P. Linder in *Bothalia*, 15(3-4): 553 (1985), nom. nov.: *Ophrys patens* Lf.

×**DISBEROCEREUS** E. Meier in *Kakt. And. Sukk.*, 41(4): 80 (1990). CACTACEAE. (Disocactus × Weberocereus).

DISCHIDIA (Asclepiadac.).
torricellensis (Schltr.) P.I. Forster in *Austrobaileya*, 3(2): 288 (1990): Spathidolepis torricellensis.

DISCIPHANIA (Menispermac.).
dioscoreoides R.C. Barneby in *Brittonia*, 42(3): 178 (1990)—Peru, Ecuador.
tricaudata R.C. Barneby in *Brittonia*, 42(3): 180 (1990)—Ecuador.

DISCOCACTUS (Cactac.).
buenekeri W.R. Abraham in *Kakt. And. Sukk.*, 38(11): 284 (1987)—Brazil.
prominentigibbus L. Diers & E. Esteves Pereira in *Kakt. And. Sukk.*, 39(1): 18 (1988)—Brazil.
pseudolatipinus L. Diers & E. Esteves Pereira in *Kakt. And. Sukk.*, 38(10): 247 (1987)—Brazil.
zehntneri
f. albispinus (Buin. & Brederoo) Riha in *Kaktusy*, 19(2): 26 (1983); cf. *Repert. Pl. Succ. (I.O.S.)*, 34: 6 (1985): D. albispinus.

DISCOCALYX (Myrsinac.).
albiflora H. Sleumer in *Blumea*, 33(1): 90 (1988)—New Guinea (Papua New Guinea).
brassii H. Sleumer in *Blumea*, 33(1): 87 (1988)—New Guinea (Papua New Guinea).
camptobotrys (K. Schum.) H. Sleumer in *Blumea*, 33(1): 89 (1988): Maesa camptobotrys.
latepetiolata (Mez) H. Sleumer in *Blumea*, 33(1): 85 (1988): Loheria latepetiolata.
sarcophylla H. Sleumer in *Blumea*, 33(1): 90 (1988)—Louisiane Archipelago.
subsinuata H. Sleumer in *Blumea*, 33(1): 87 (1988)—New Guinea (Papua New Guinea).

DISCOCRANIA (Cornac.).
disciflora (Moc. & Sessé ex DC.) V.I. Trifonova & I.G. Zubkova in *Bot. Zhurn.*, 75(6): 823 (1990): Cornus disciflora.

DISEPALUM (Annonac.).
aciculare D.M. Johnson in *Brittonia*, 41(4): 372 (1989)—Borneo (Sarawak).
petelotii (Merr.) D.M. Johnson in *Brittonia*, 41(4): 364 (1989): Polyalthia petelotii.
plagioneurum (Diels) D.M. Johnson in *Brittonia*, 41(4): 366 (1989): Polyalthia plagioneura.

DISOCACTUS (Cactac.).
kimmnachii G.D. Rowley in *Brit. Cact. Succ. J.*, 5(3): 84 (1987), nom. nov.: Nopalxochia horichii Kimm.
macranthus
var. glaucocladus E. Ewald in *Epiphytes*, 13(52): 107 (1989)—Mexico.
ramulosus
var. angustissimus (Web.) Kimmnach in *Cact. Succ. J. (U.S.A.)*, 59(2): 67 (1987): Rhypsalis angustissimus.

×**DISOPHYLLUM** C.F. Innes in *Epiphytes*, 1(3): 43 (1968). CACTACEAE. (Disocactus × Epiphyllum).

×**DISOSELENICEREUS** E. Meier in *Kakt. And. Sukk.*, 41(4): 80 (1990). CACTACEAE. (Disocactus × Selenicereus).

DISPERIS (Orchidac.).
bolusiana
subsp. macrocorys (Rolfe) J.C. Manning in *S. Afr. J. Bot.*, 56(4): 494 (1990): D. macrocorys.
circumflexa
subsp. aemula (Schltr.) J.C. Manning in *S. Afr. J. Bot.*, 56(4): 495 (1990): D. circumflexa var. aemula.
elaphoceras B. Verdcourt in *Kew Bull.*, 41(1): 54 (1986)—Tanzania.
purpurata
subsp. pallescens P. Bruyns in *S. Afr. J. Bot.*, 55(5): 494 (1989)—South Africa (Cape Province).
uzungwae B. Verdcourt in *Kew Bull.*, 41(1): 50 (1986)—Tanzania.

DISPHYMA (Aizoac.).
crassifolium
subsp. clavellatum (Haw.) R.J. Chinnock in *Fl. S. Australia*, 1: 194 (1986): Mesembryanthemum clavellatum.

DISPOROPSIS (Convallariac.).
jinfushanensis Z.Y. Liu in *Acta Phytotax. Sin.*, 25(1): 67 (1987)—China.
taiwanensis S.S. Ying in *J. Jap. Bot.*, 64(5): 153 (1989)—Taiwan.

DISPORUM (Convallariac.).
sect. Ovalia H. Hara in H. Ohba & S.B. Malla, *Himalayan Pl.*, 1 (Univ. Mus. Univ. Tokyo Bull., 31): 203 (1988).
sect. Paradiisporum H. Hara in H. Ohba & S.B. Malla, *Himalayan Pl.*, 1 (Univ. Mus. Univ. Tokyo Bull., 31): 205 (1988).
austrosinense H. Hara in H. Ohba & S.B. Malla, *Himalayan Pl.*, 1 (Univ. Mus. Univ. Tokyo Bull., 31): 192 (1988)—China.
cantoniense

f. brunneum (C.H. Wright) H. Hara in H. Ohba & S.B. Malla, *Himalayan Pl.*, 1 (Univ. Mus. Univ. Tokyo Bull., 31): 186 (1988): D. pullum var. brunneum.
var. kawakamii (Hayata) H. Hara in H. Ohba & S.B. Malla, *Himalayan Pl.*, 1 (Univ. Mus. Univ. Tokyo Bull., 31): 187 (1988): D. kawakamii.
var. multiflorum (Blume) H. Hara in H. Ohba & S.B. Malla, *Himalayan Pl.*, 1 (Univ. Mus. Univ. Tokyo Bull., 31): 188 (1988): Drapiezia multiflora.
f. parviflorum (Wall.) H. Hara in H. Ohba & S.B. Malla, *Himalayan Pl.*, 1 (Univ. Mus. Univ. Tokyo Bull., 31): 186 (1988): Uvularia parviflora.
×hishiyamanum K. Suzuki in *J. Phytogeogr. Taxon.*, 36(1): 13 (1988)—Japan. (D. sessile × smilacinum).
jiangchengense Y.Y. Qian in *Guihaia*, 10(3): 184 (1990)—China.

ovale
var. albiflorum Y. Lee & N. Lee ex N. Lee in *J. Korean Pl. Taxon.*, 9: 79 (1979)—Korea.
f. albiflorum (Y. Lee & N. Lee) H. Hara in H. Ohba & S.B. Malla, *Himalayan Pl.*, 1 (Univ. Mus. Univ. Tokyo Bull., 31): 205 (1988), basionym page given is article page not journal page which is 79: D. ovale var. albiflorum.
var. tamnanum Y.N. Lee & N.S. Lee in *Korean J. Pl. Taxon.*, 14(3): 168 (1984)—Korea.
pedunculatum H. Li & J.L. Huang in *Guihaia*, 9(4): 294 (1989)—China.

sessile
f. intermedium H. Hara in H. Ohba & S.B. Malla, *Himalayan Pl.*, 1 (Univ. Mus. Univ. Tokyo Bull., 31): 203 (1988)—Taiwan.
f. macrophyllum (Koidzumi) H. Hara in H. Ohba & S.B. Malla, *Himalayan Pl.*, 1 (Univ. Mus. Univ. Tokyo Bull., 31): 201 (1988): D. sessile var. macrophyllum.
f. minus (Miquel) H. Hara in H. Ohba & S.B. Malla, *Himalayan Pl.*, 1 (Univ. Mus. Univ. Tokyo Bull., 31): 201 (1988): D. sessile β. minus.
var. shimadae (Hayata) H. Hara in H. Ohba & S.B. Malla, *Himalayan Pl.*, 1 (Univ. Mus. Univ. Tokyo Bull., 31): 202 (1988): D. shimadae.
f. stenophyllum (Franch. & Sav.) Hayashi ex H. Hara in H. Ohba & S.B. Malla, *Himalayan Pl.*, 1 (Univ. Mus. Univ. Tokyo Bull., 31): 201 (1988): D. sessile γ. stenophyllum.
taiwanense S.S. Ying in *J. Jap. Bot.*, 64(5): 151 (1989)—Taiwan.

DISSOSPERMA J. Soják in *Čas. Nár. Muz. (Prague)*, 154(1): 55 (1985 publ. 1986). PAPAVERACEAE.
claviculata (L.) J. Soják in *Čas. Nár. Muz. (Prague)*, 154(1): 55 (1985 publ. 1986): Fumarja claviculata.
subsp. picta (Sampaio) J. Soják in *Čas. Nár. Muz. (Prague)*, 154(1): 55 (1985 publ. 1986): Corydalis claviculata var. picta.

DISTEPHANUS (Compos.).
angolensis (O. Hoffmann) H. Robinson & B. Kahn in *Proc. Biol. Soc. Wash.*, 99(3): 498 (1986): Newtonia angolensis.

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angulifolius (DC.) H. Robinson & B. Kahn in *Proc. Biol. Soc. Wash.*, 99(3): 499 (1986): Vernonia angulifolia.
anisochaetoides (Sond) H. Robinson & B. Kahn in *Proc. Biol. Soc. Wash.*, 99(3): 499 (1986): Vernonia anisochaetoides.
antandroy (H. Humbert) H. Robinson & B. Kahn in *Proc. Biol. Soc. Wash.*, 99(3): 499 (1986): Vernonia antandroy.
cloiseli (Moore) H. Robinson & B. Kahn in *Proc. Biol. Soc. Wash.*, 99(3): 499 (1986): Vernonia cloiseli.
divaricatus (Steetz) H. Robinson & B. Kahn in *Proc. Biol. Soc. Wash.*, 99(3): 499 (1986): Gongrothamnus divaricatus.
eriphyllus (Drake) H. Robinson & B. Kahn in *Proc. Biol. Soc. Wash.*, 99(3): 499 (1986): Vernonia eriophylla.
forrestii (Anthony) H. Robinson & B. Kahn in *Proc. Biol. Soc. Wash.*, 99(3): 499 (1986): Vernonia forrestii.
garnierianus (Klatt) H. Robinson & B. Kahn in *Proc. Biol. Soc. Wash.*, 99(3): 499 (1986): Vernonia garnieriana.
glandulicinctus (H. Humb.) H. Robinson & B. Kahn in *Proc. Biol. Soc. Wash.*, 99(3): 499 (1986): Vernonia glandulicincta.
glutinosus (DC.) H. Robinson & B. Kahn in *Proc. Biol. Soc. Wash.*, 99(3): 499 (1986): Vernonia glutinosa.
lastellei (Drake) H. Robinson & B. Kahn in *Proc. Biol. Soc. Wash.*, 99(3): 499 (1986): Vernonia lastellei.
mahafaly (H. Humb.) H. Robinson & B. Kahn in *Proc. Biol. Soc. Wash.*, 99(3): 499 (1986): Vernonia mahafaly.
majungensis (H. Humb.) H. Robinson & B. Kahn in *Proc. Biol. Soc. Wash.*, 99(3): 499 (1986): Vernonia majungensis.
malacophytus (Baker) H. Robinson & B. Kahn in *Proc. Biol. Soc. Wash.*, 99(3): 499 (1986): Vernonia malacophyta.
manambolensis (H. Humb.) H. Robinson & B. Kahn in *Proc. Biol. Soc. Wash.*, 99(3): 500 (1986): Vernonia manambolensis.
mangokensis (H. Humb.) H. Robinson & B. Kahn in *Proc. Biol. Soc. Wash.*, 99(3): 500 (1986): Vernonia mangokensis.
nummulariaefolius (Klatt) H. Robinson & B. Kahn in *Proc. Biol. Soc. Wash.*, 99(3): 500 (1986): Decaneurum nummulariaefolium (Gymnanthemum).
ochroleucus (Baker) H. Robinson & B. Kahn in *Proc. Biol. Soc. Wash.*, 99(3): 500 (1986): Vernonia ochroleuca.
polygalaefolius (Less.) H. Robinson & B. Kahn in *Proc. Biol. Soc. Wash.*, 99(3): 500 (1986): Vernonia polygalaefolia.
rochonioides (H. Humb.) H. Robinson & B. Kahn in *Proc. Biol. Soc. Wash.*, 99(3): 500 (1986): Vernonia rochonioides.
streptocladus (Baker) H. Robinson & B. Kahn in *Proc. Biol. Soc. Wash.*, 99(3): 500 (1986): Vernonia streptoclada.
subluteus (S. Elliot) H. Robinson & B. Kahn in *Proc. Biol. Soc. Wash.*, 99(3): 500 (1986): Vernonia sublutea.
swinglei (H. Humb.) H. Robinson & B. Kahn in *Proc. Biol. Soc. Wash.*, 99(3): 500 (1986): Vernonia swinglei.

DISTERIGMA (Ericac.).
balslevii J.L. Luteyn in *Op. Bot.*, 92: 113 (1987)—Ecuador, Colombia.

DISTICHIA (Juncac.).
acicularis H. Balslev & S. Laegaard in *Nordic J. Bot.*, 6(2): 151 (1986)—Ecuador.

DISTYLIUM (Hamamelidac.).
lipoense Y.K. Li & X.M. Wang in *Acta Bot. Yunnanica*, 8(3): 275 (1986)—China.

DISYNAPHIA (Compos.).
tacuarembensis (Hieron. & Arechav.) R.M. King & H. Robinson in *Phytologia*, 60(1): 80 (1986): Eupatorium tacuarembense.

- DITASSA** (Asclepiadac.).
 auyantepuensis (*Steys.*) *G. Morillo in Ernstia*, 51: 7 (1989); *Cynanchum auyantepuense*.
 carnevalii (*Morillo*) *G. Morillo in Ernstia*, 51: 7 (1989); *Cynanchum carnevalii*.
 ciliata (*Moldenke*) *G. Morillo in Ernstia*, 51: 7 (1989); *Blepharodon ciliatum*.
 colellae (*Morillo*) *G. Morillo in Ernstia*, 51: 7 (1989); *Cynanchum colellae*.
 conceptionis *J. Fontella Pereira in Dusenja*, 12(1): 6 (1980), nom. nov.: *Calathostelma ditassoides Fournier*.
 cordata (*Turcz.*) *J. Fontella Pereira in Eugenia*, 16: 24 (1989); *Metastelma cordatum*.
 var. abortiva (*Fourn.*) *J. Fontella Pereira in Eugenia*, 16: 26 (1989); *D. abortiva*.
 var. virgata (*Fourn.*) *J. Fontella Pereira in Eugenia*, 16: 25 (1989); *D. virgata*.
 emmerichii *J. Fontella Pereira in Bradea*, 4(48): 383 (1987), nom. nov.: *Astephanus gardneri Fournier*.
 foldatsii *G. Morillo in Ernstia*, 51: 7 (1989)—Venezuela.
 julianii (*Morillo*) *G. Morillo in Ernstia*, 51: 9 (1989); *Cynanchum julianii*.
 liesneri *G. Morillo in Ernstia*, 51: 9 (1989)—Venezuela.
 lindemaniai *G. Morillo in An. Jard. Bot. Madrid*, 47(2): 351 (1989 publ. 1990)—Surinam.
 lourteigiae *J. Fontella Pereira in Eugenia*, 16: 23 (1989), as 'lourteigii'—Brazil.
 multinervia (*Morillo*) *G. Morillo in Ernstia*, 51: 9 (1989); *Cynanchum multinervium*.
 obovata (*Holm*) *G. Morillo in Ernstia*, 51: 9 (1989); *Cynanchum obovatum*.
 oliva-estevae *G. Morillo in Ernstia*, 51: 9 (1989)—Venezuela.
 peruviana *G. Morillo in Ernstia*, 51: 11 (1989)—Peru.
 sipapoana *G. Morillo in Ernstia*, 51: 11 (1989)—Venezuela.
 surinamensis *G. Morillo in An. Jard. Bot. Madrid*, 47(2): 351 (1989 publ. 1990)—Surinam.
 venamensis *G. Morillo in Ernstia*, 51: 12 (1989)—Venezuela.
- DITHYROSTEGIA** (Compos.).
 gracilis *P.S. Short in Muelleria*, 7(1): 106 (1989)—Australia (W. Australia).
- DIURANTHERA** (Anthericac.).
 chinglingensis *J.O. Xing & T.C. Cui in Acta Bot. Bor.-Occid. Sin.*, 7(3): 203 (1987)—China.
- DIURIS** (Orchidac.).
 chrysantha *D.L. Jones & M.A. Clements in Proc. Roy. Soc. Queensl.*, 98: 130 (1987)—Australia (Queensland, New South Wales).
 fragrantissima *D. Jones & M.A. Clements in Austral. Orchid Res.*, 1: 68 (1989), nom. nov.: *D. punctata* var. *albo-violacea Rupp. ex Dockr.*
 parvipetala (*Dockr.*) *D.L. Jones & M.A. Clements in Proc. Roy. Soc. Queensl.*, 98: 132 (1987); *D. punctata* var. *parvipetala*.
- DJINGA** *C. Cusset in Fl. Cameroun*, 30: 58 (1987).
PODOSTEMACEAE.
 felices *C. Cusset in Fl. Cameroun*, 30: 58 (1987)—Cameroun.
- DODECAHEMA** *J.L. Reveal & C.B. Hardham in Phytologia*, 66(2): 86 (1989). **POLYGONACEAE**.
 leptoceras (*A. Gray*) *J.L. Reveal & C.B. Hardham in Phytologia*, 66(2): 87 (1989); *Centrostegia leptoceras*.
- DODECATHEON** (Primulac.).
 pulchellum
 f. margaritaceum (*Fassett*) *C.F. Reed in Phytologia*, 63(5): 411 (1987); *D. amethystinum* f. *margaritaceum*.
 f. strictlerae (*Fern.*) *C.F. Reed in Phytologia*, 63(5): 411 (1987); *D. meadia* f. *strictlerae*.
 var. zionense (*Eastw.*) *S.L. Welsh in Great Basin Nat.*, 46(2): 259 (1986); *D. zionense*.
- DODONAEA** (Sapindac.).
 biloba *J.G. West in Brunonia*, 10(2): 219 (1987)—Australia (Queensland).
- DOGA** (Legumin.).
 pancheri (*Baill.*) *M.G. Baumann-Bodenheim, Syst. Fl. Neu-Caledonia*, 5: 77 (1989); *Storckiella pancheri*.
- DOLICHORHYNCHUS** *I.C. Hedge & Kit Tan in Pl. Syst. Evol.*, 156(3-4): 197 (1987). **CRUCIFERAE**.
 arabicus *I.C. Hedge & Kit Tan in Pl. Syst. Evol.*, 156(3-4): 198 (1987)—Saudi Arabia.
- DOLICHORRHIZA** (Compos.).
 persica (*Boiss.*) *B. Nordenstam in Fl. Iran.*, 164: 52 (1989); *Senecio persicus*.
- DOLICHOS** (Legumin.).
 formosanus (*Hayata*) *S.S. Ying, Coloured Illustr. Fl. Taiwan*, 2: 478 (1987); *Dolichovigna formosana*.
 var. rhombifolius (*Hayata*) *S.S. Ying, Coloured Illustr. Fl. Taiwan*, 2: 479 (1987); *Dolichovigna rhombifolia*.
 incurvus *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14: 658 (1784)*—Japan.†
 lineatus *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14: 658 (1784)*—Japan.†
- DOLOMIAEA** (Compos.).
 sect. *Vladimiria* (*Hjin*) *C. Shih in Acta Phytotax. Sin.*, 24(4): 293 (1986); gen. *Vladimiria*.
 berardioidea (*Franch.*) *C. Shih in Acta Phytotax. Sin.*, 24(4): 294 (1986); *Jurinea edulis* β. *berardioidea*.
 denticulata (*Ling*) *C. Shih in Acta Phytotax. Sin.*, 24(4): 293 (1986); *Vladimiria denticulata*.
 edulis (*Franch.*) *C. Shih in Acta Phytotax. Sin.*, 24(4): 294 (1986); *Saussurea edulis*.
 forrestii (*Diels*) *C. Shih in Acta Phytotax. Sin.*, 24(4): 293 (1986); *Jurinea forrestii*.
 georgii (*Anth.*) *C. Shih in Acta Phytotax. Sin.*, 24(4): 294 (1986); *Jurinea georgii*.
 platylepis (*Hand.-Mazz.*) *C. Shih in Acta Phytotax. Sin.*, 24(4): 295 (1986); *Jurinea platylepis*.
 salwinensis (*Hand.-Mazz.*) *C. Shih in Acta Phytotax. Sin.*, 24(4): 295 (1986); *Jurinea salwinensis*.
 scabrida (*Shih & S.Y. Jin*) *C. Shih in Acta Phytotax. Sin.*, 24(4): 293 (1986); *Vladimiria scabrida*.
 souliei (*Franch.*) *C. Shih in Acta Phytotax. Sin.*, 24(4): 294 (1986); *Jurinea souliei*.
 var. mirabilis (*Anth.*) *C. Shih in Acta Phytotax. Sin.*, 24(4): 294 (1986); *Jurinea mirabilis*.
- DOMBEYA** (Sterculiac.).
 longicuspis
 var. bosseri *L.C. Barnett & L.J. Dorr in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(4): 366 (1986 publ. 1987)—Madagascar.
 moratii *L.C. Barnett & L.J. Dorr in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(4): 365 (1986 publ. 1987)—Madagascar.
- DONAX** (Gramin.).
 collinus (*Ten.*) *Tineo, Cat. Pl. Panorm.*: 100 (1827); cf. *D.J. Mabberley in Taxon*, 31(1): 70 (1982); *Basionym* not stated.
- DOREMA** (Umbellif.).
 subsect. *Ammoniacum* *M.G. Pimenov in Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(2): 84 (1988).
 sect. *Microcarpa* *M.G. Pimenov in Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(2): 85 (1988).
 subsect. *Nodosa* *M.G. Pimenov in Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(2): 83 (1988).
 subsect. *Sabulosa* *M.G. Pimenov in Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(2): 84 (1988).
- DORONICUM** (Compos.).
 kuepferi *R. Chacón Aumente in An. Jard. Bot. Madrid*, 43(2): 269 (1986 publ. 1987)—Spain.
- DOROTHEANTHUS** (Aizoac.).
 bellidiformis
 subsp. *hesternmalensis* *H.-D. Ihlenfeldt & M. Struck in Beitr. Biol. Pfl.*, 61(3): 445 (1986 publ. 1987)—South Africa (Cape Province).
- DORSTENIA** (Morac.).
 bergiana *M.E.E. Hijman in Kew Bull.*, 45(2): 361 (1990)—Zaire.
 caratae *C.C. Berg in Proc. Kon. Nederl. Akad. Wetensch., C*, 89(2): 136 (1986)—Brazil.
- DORSTENIA** :-
 cayapia
 subsp. *asaroides* (*Hooker*) *C.C. Berg in Proc. Kon. Nederl. Akad. Wetensch., C*, 89(2): 143 (1986); *D. asaroides*.
 subsp. *paraguariensis* (*Hassler*) *C.C. Berg in Proc. Kon. Nederl. Akad. Wetensch., C*, 89(2): 143 (1986); *D. cayapia* f. *paraguariensis*.
 subsp. *vitifolia* (*Gardner*) *C.C. Berg in Proc. Kon. Nederl. Akad. Wetensch., C*, 89(2): 143 (1986); *D. vitifolia*.
 convexa
 var. *oblonga* (*Compère*) *M.E.E. Hijman in Kew Bull.*, 45(2): 362 (1990); *D. oblonga*.
 cuspidata
 var. *brinkmaniana* *M.E.E. Hijman in Fl. Trop. E. Afr., Morac.*: 40 (1989)—Tanzani, Kenya, Zambia.
 var. *preussii* (*Engl.*) *M.E.E. Hijman in Kew Bull.*, 45(2): 364 (1990); *D. preussii*.
 dinklagei
 var. *bequaertii* (*De Wild.*) *M.E.E. Hijman in Kew Bull.*, 45(2): 367 (1990); *D. bequaertii*.
 var. *binzaensis* (*De Wild.*) *M.E.E. Hijman in Kew Bull.*, 45(2): 366 (1990); *D. binzaensis*.
 hildebrandtii
 var. *schlechteri* (*Engl.*) *M.E.E. Hijman in Fl. Trop. E. Afr., Morac.*: 34 (1989); *D. schlechteri*.
 holstii
 var. *longestipulata* *M.E.E. Hijman in Fl. Trop. E. Afr., Morac.*: 30 (1989)—Tanzania.
 ramosa
 subsp. *dolichocaula* (*Pilger*) *C.C. Berg in Proc. Kon. Nederl. Akad. Wetensch., C*, 89(2): 143 (1986); *D. dolichocaula*.
 tayloriana
 var. *laikipiensis* (*Rendle*) *M.E.E. Hijman in Fl. Trop. E. Afr., Morac.*: 26 (1989); *D. laikipiensis*.
 thikaensis *M.E.E. Hijman in Fl. Trop. E. Afr.*: 27 (1989)—Kenya.
 uxpanapana *C.C. Berg & T. Wendt in Proc. Kon. Nederl. Akad. Wetensch., C*, 89(2): 129 (1986)—Mexico.
 zambesiaca *M.E.E. Hijman in Kew Bull.*, 45(2): 367 (1990)—Mozambique.
- DORVALIA** *Hoffmanns., Preiss-Verz.*: 21 (1833); cf. *D.J. Mabberley in Taxon*, 33(3): 434 (1984). **ONAGRACEAE**.
- DORYCNium** (Legumin.).
 strictum (*Fischer & C. Meyer*) *P. Lassen in Willdenowia*, 16(1): 109 (1986); *Lotus strictus*.
- DOWNINGIA** (Campanulac.).
 concolor
 subsp. *brevior* (*McVaugh*) *R.M. Beauchamp in Phytologia*, 59(7): 438 (1986); *D. concolor* var. *brevior*.
- DRABA** (Crucif.).
 altaica
 var. *modesta* (*W.W. Smith*) *W.T. Wang in Acta Bot. Yunnanica*, 9(1): 5 (1987); *D. modesta*.
 argentifolia *I.A. Al-Shehbaz in J. Arnold Arbor.*, 70(3): 427 (1989), nom. nov.: *D. argentea* *O.E. Schulz*.
 balangshanica *W.T. Wang in Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 17 (1988)—China.
 boyacana *I.A. Al-Shehbaz in J. Arnold Arbor.*, 70(3): 427 (1989)—Colombia.
 californica (*Jepson*) *R.C. Rollins & R.A. Price in Aliso*, 12(1): 19 (1988); *D. cuneifolia* var. *californica*.
 cocuyana *I.A. Al-Shehbaz in J. Arnold Arbor.*, 70(3): 429 (1989)—Colombia.
 cocuyensis *E. Santana C. & J.O. Rangel Ch. in Rev. Acad. Colomb. Cienc. Exact. Fis. Nat.*, 65: 351 (1989)—Colombia.
 cuatrecasana *J.O. Rangel Ch. & E. Santana C. in Rev. Acad. Colomb. Cienc. Exact. Fis. Nat.*, 65: 348 (1989)—Colombia.
 daochengensis *W.T. Wang in Acta Bot. Yunnanica*, 9(1): 7 (1987)—China.
 densifolia
 var. *apiculata* (*C.L. Hitchc.*) *S.L. Welsh in Great Basin Nat.*, 46(2): 255 (1986); *D. apiculata*.
 dolichotricha *W.T. Wang in Acta Bot. Yunnanica*, 9(1): 5 (1987)—China.

DRABA :-

- ecuadoriana I.A. Al-Shehbaz in *J. Arnold Arbor*, 70(3): 431 (1989), nom. nov.: *D. affinis* J.D. Hooker.
- heterocoma
 subsp. archipelagi (O.E. Schulz) K.P. Buttler in A. Strid (ed.), *Mount. Fl. Greece*, 1: 315 (1986); *D. heterocoma* var. archipelagi.
- hispanica
 subsp. djurdjurae (Batt.) W. Greuter in *Willdenowia*, 15(2): 418 (1986); *D. hispanica* var. djurdjurae.
 subsp. lebrunii P. Montserrat in *Doc. Phytosoc.*, n.s., 1: 179 (1977)—Spain.
- involutrata
 var. lasiocarpa W.T. Wang in *Acta Bot. Yunnanica*, 9(1): 6 (1987)—China.
- kassii S.L. Welsh in *Great Basin Nat.*, 46(2): 264 (1986)—U.S.A. (Utah).
- lasiocarpa
 subsp. dolichostyla (O.E. Schulz) K.P. Buttler in A. Strid (ed.), *Mount. Fl. Greece*, 1: 311 (1986); *D. parnassica* var. dolichostyla.
- lebrunii (P. Monts.) M. Lainz in *Fontqueria*, 16: 51 (1988); *D. hispanica* subsp. lebrunii.
- linearifolia L.L. Lou & T.Y. Cheo in *Fl. Xizangica*, 2: 346 (1985)—Xizang.
- ludingensis W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 18 (1988)—China.
- monoensis R.C. Rollins & R.A. Price in *Aliso*, 12(1): 22 (1988)—U.S.A. (California).
- moupinensis
 var. calcicola (O.E. Schulz) W.T. Wang in *Acta Bot. Yunnanica*, 9(1): 4 (1987); *D. calcicola*.
- oligosperma
 var. juniperina (Dorn) S.L. Welsh in *Great Basin Nat.*, 46(2): 255 (1986); *D. juniperina*.
- pseudocheiranthoides I.A. Al-Shehbaz in *J. Arnold Arbor*, 70(3): 431 (1989)—Colombia.
- qinghaiensis L.L. Lou in *Acta Phytotax. Sin.*, 25(4): 319 (1987)—China.
- ritacuvana I.A. Al-Shehbaz in *J. Arnold Arbor*, 70(3): 435 (1989)—Colombia.
- rositae E. Santana C. & J.O. Rangel Ch. in *Rev. Acad. Colomb. Cienc. Exact. Fis. Nat.*, 65: 348 (1989)—Colombia.
- sericea E. Santana C. & J.O. Rangel Ch. in *Rev. Acad. Colomb. Cienc. Exact. Fis. Nat.*, 65: 353 (1989)—Colombia.
- staintonii Jafri ex H. Hara in *Enum. Fl. Pl. Nepal*, 2: 42 (1979)—Nepal.
- strasseri W. Greuter in *Willdenowia*, 15(2): 418 (1986)—Greece.
- subfladnizensis V.B. Kuvaeve, *Vysotnoe Raspredelenie Rast. Gor. Putorana*: 93 (1980)—U.S.S.R. (Siberia).
- subumbellata R.C. Rollins & R.A. Price in *Aliso*, 12(1): 25 (1988)—U.S.A. (California).
- thlaspiiformis (Philippi) I.A. Al-Shehbaz in *J. Arnold Arbor*, 71(3): 385 (1990); *Eudema thlaspiiforme*.
- zangbeiensis L.L. Lou in *Acta Phytotax. Sin.*, 25(4): 320 (1987)—Xizang.

DRACAENA (Dracaenac.).

- boscii Hort. Cels. ex Zeyher, *Verz. Saemm. Gewaech. Schwazingen*: 69 (1818); cf. D.J. Mabberley in *Taxon*, 33(3): 442 (1984)—Locality not stated.
- rubra (Kunth) Parmentier, *Cat. Pl. Rar.*: 11 (1853); cf. D.J. Mabberley in *Taxon*, 33(3): 442 (1984); *Cordylina rubra*.

DRACOCEPHALUM (Labiata).

- subsect. Aristodracon A.L. Budantsev in *Bot. Zhurn.*, 72(2): 265 (1987).
- ser. Botryoidea A.L. Budantsev in *Bot. Zhurn.*, 72(2): 264 (1987).
- sect. Confertodracon A.L. Budantsev in *Bot. Zhurn.*, 72(2): 262 (1987).
- ser. Cryptodracon (Benth.) A.L. Budantsev in *Bot. Zhurn.*, 72(2): 265 (1987); *D. sect. Cryptodracon*.
- ser. Discoloria A.L. Budantsev in *Bot. Zhurn.*, 72(2): 264 (1987).
- ser. Fruticulosa Schischk. ex A.L. Budantsev in *Bot. Zhurn.*, 72(2): 263 (1987).
- ser. Kafiristanica A.L. Budantsev in *Bot. Zhurn.*, 72(2): 264 (1987).
- ser. Komaroviana Schischk. ex A.L. Budantsev in *Bot. Zhurn.*, 72(2): 266 (1987).

DRACOCEPHALUM :-

- ser. Multicaulia Schischk. ex A.L. Budantsev in *Bot. Zhurn.*, 72(2): 265 (1987).
- ser. Nodulosa Schischk. ex A.L. Budantsev in *Bot. Zhurn.*, 72(2): 263 (1987).
- ser. Nutantia Schischk. ex A.L. Budantsev in *Bot. Zhurn.*, 72(2): 263 (1987).
- sect. Palmata A.L. Budantsev in *Bot. Zhurn.*, 72(2): 262 (1987).
- ser. Peregrina Schischk. ex A.L. Budantsev in *Bot. Zhurn.*, 72(2): 265 (1987).
- ser. Pinnata A.L. Budantsev in *Bot. Zhurn.*, 72(2): 264 (1987).
- ser. Renatiana A.L. Budantsev in *Bot. Zhurn.*, 72(2): 266 (1987).
- ser. Setigera A.L. Budantsev in *Bot. Zhurn.*, 72(2): 266 (1987).
- butkovii L.S. Krasovskaya in L.S. Krasovskaya & I.G. Levichev, *Fl. Chaikal'skogo Zapovednika*: 170 (1986)—U.S.S.R. (Middle Asia).
- heterophyllum
 subsp. ovalifolium A.L. Budantsev in *Bot. Zhurn.*, 72(1): 93 (1987)—China, Mongolia, U.S.S.R. (Siberia).
- junatovii A.L. Budantsev in *Bot. Zhurn.*, 72(1): 92 (1987)—Mongolia.
- nuratavicum T.A. Adylov in *Opred. Rast. Sred. Azii*, 9: 361 (1987)—U.S.S.R. (Middle Asia).
- origanoides
 subsp. bungeanum (Schischk. & Serg.) A.L. Budantsev in *Bot. Zhurn.*, 72(1): 93 (1987); *D. bungeanum*.

DRACONIA (Compos.).

- albicerata (Krasch.) J. Soják in *Čas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia albicerata*.
- bargusinensis (Spreng.) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia bargusinensis*.
- campestris (L.) J. Soják in *Čas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia campestris*.
- subsp. alpina (DC.) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia campestris* β var. alpina.
- subsp. borealis (Pall.) J. Soják in *Čas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia borealis*.
- subsp. bottnica (Lundstr. ex Kündb.) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia campestris* subsp. bottnica.
- subsp. glutinosa (DC.) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia glutinosa*.
- subsp. maritima (Arcang.) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia campestris* γ subsp. maritima.
- f. oligocephala (Abromeit) K. Sutorý in *Čas. Morav. Muz., Vědy Přír.*, 70: 212 (1985); *Artemisia campestris* c. oligocephala.
- capillaris (Thunb.) J. Soják in *Čas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia capillaris*.
- commutata (Bess.) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia commutata*.
- daghestanica (Krasch. & Por.) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia daghestanica*.
- demissa (Krasch.) J. Soják in *Čas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia demissa*.
- desertorum (Spreng.) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia desertorum*.
- dimoana (M. Pop.) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia dimoana*.
- dracunculiformis (Krasch.) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia dracunculiformis*.
- dracunculus (L.) J. Soják in *Čas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia dracunculus*.
- glauca (Pall. ex Willd.) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia glauca*.
- halodendron (Turcz. ex Besser) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia halodendron*.
- henriettae (Krasch.) J. Soják in *Čas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia henriettae*.
- japonica (Thunb.) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia japonica*.
- kelleri (Krasch.) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia kelleri*.

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- kuschakewiczii (C. Winkl.) J. Soják in *Čas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia kuschakewiczii*.
- ledebouriana (Bess.) J. Soják in *Čas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia ledebouriana*.
- limosa (Koidz.) J. Soják in *Čas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia limosa*.
- lipskyi (P. Polj.) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia lipskyi*.
- littorcola (Kitam.) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia littorcola*.
- macilenta (Maxim.) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia campestris* var. macilenta.
- pamirica (C. Winkl.) J. Soják in *Čas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia pamirica*.
- pannosa (Krasch.) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia pannosa*.
- pyncnorhiza (Ledeb.) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia pyncnorhiza*.
- quinqueloba (Trautv.) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia quinqueloba*.
- salsoloides (Willd.) J. Soják in *Čas. Nár. Muz. (Prague)*, 152(1): 20 (1983); *Artemisia salsoloides*.
- saposhnikovii (Krasch. ex Poljakov) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 21 (1983); *Artemisia saposhnikovii*.
- scoparia (Waldst. & Kit.) J. Soják in *Čas. Nár. Muz. (Prague)*, 152(1): 21 (1983); *Artemisia scoparia*.
- songarica (Schrenk) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 21 (1983); *Artemisia songarica*.
- tomentella (Trautv.) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 21 (1983); *Artemisia tomentella*.
- trautvetteriana (Bess.) J. Soják in *Čas. Nár. Muz. (Prague)*, 152(1): 21 (1983); *Artemisia trautvetteriana*.
- tschernieviana (Bess.) J. Soják in *Čas. Nár. Muz. (Prague)*, 152(1): 21 (1983); *Artemisia tschernieviana*.
- DRACONTIUM** (Arac.).
- aricuianum G.S. Bunting in *Phytologia*, 60(5): 301 (1986)—Venezuela.
- changuango G.S. Bunting in *Phytologia*, 60(5): 302 (1986)—Venezuela.
- lineare G.S. Bunting & S.S. Tillett in *Phytologia*, 64(6): 464 (1988)—Venezuela.
- regelianum (Engl.) J. Bogner in *Aroideana*, 8(3): 78 (1985 publ. 1986); *Echidnium regelianum*.
- DRACOSCIADIUM** O.M. Hilliard & B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(2): 220 (1986). **UMBELLIFERAE**.
- italae O.M. Hilliard & B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(2): 223 (1986)—South Africa (Natal).
- saniculifolium O.M. Hilliard & B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(2): 225 (1986)—South Africa (Natal).
- DRACULA** (Orchidac.).
- subgen. Sodiroa (Luer) C.A. Luer in *Amer. Orchid Soc. Bull.*, 58(10): 1000 (1989); *D. sect. Sodiroa*.
- subgen. Xenosia C.A. Luer in *Amer. Orchid Soc. Bull.*, 58(10): 1001 (1989).
- aphrodes C.A. Luer & Escobar in *Amer. Orchid Soc. Bull.*, 58(10): 1002 (1989)—Colombia.
- brangeri C.A. Luer in *Orchideeën*, 48(2): 47 (1986)—Colombia.
- carcinopsis C.A. Luer & Escobar in *Amer. Orchid Soc. Bull.*, 58(10): 1003 (1989)—Colombia.
- dalessandroi C.A. Luer in *Amer. Orchid Soc. Bull.*, 58(10): 1004 (1989)—Ecuador.
- exasperata C.A. Luer & Escobar in *Amer. Orchid Soc. Bull.*, 58(10): 1005 (1989)—Colombia.
- gastrophora C.A. Luer & Hirtz in *Amer. Orchid Soc. Bull.*, 58(10): 1005 (1989)—Ecuador.
- incognita C.A. Luer & Escobar in *Amer. Orchid Soc. Bull.*, 58(10): 1006 (1989)—Colombia.
- insolita C.A. Luer & Escobar in *Amer. Orchid Soc. Bull.*, 58(10): 1007 (1989)—Colombia.
- ligiae C.A. Luer & Escobar in *Amer. Orchid Soc. Bull.*, 58(10): 1008 (1989)—Colombia.
- marsupialis C.A. Luer & A.C. Hirtz in *Orchidee*, 37(1): 25 (1986)—Ecuador.

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- nosferatu C.A. Luer & Escobar in *Amer. Orchid Soc. Bull.*, 58(10): 1009 (1989)—Colombia.
 verticulosa C.A. Luer & Escobar in *Amer. Orchid Soc. Bull.*, 58(10): 1010 (1989)—Colombia.
 xenos C.A. Luer & Escobar in *Amer. Orchid Soc. Bull.*, 58(10): 1011 (1989)—Colombia.

DRACUNCULUS (Compos.).

- sect. *Campestres* Krasch. ex V.P. Amel'chenko in I.M. Krasnoborov & T.A. Safonova (eds.), *Novoe Fl. Sibiri*: 241 (1986), without type.
 sect. *Scopariae* Krasch. ex V.P. Amel'chenko in I.M. Krasnoborov & T.A. Safonova (eds.), *Novoe Fl. Sibiri*: 241 (1986), without type.

DREPANOSTACHYUM (Gramin.).

- jainiana (Das & Pal) R.B. Majumder in *Bull. Bot. Surv. India*, 25(1-4): 235 (1983 publ. 1985); *Chimonobambusa jainiana*.
 ludianense (Yi & R.S. Wang) P.C. Keng in *J. Bamboo Res.*, 5(2): 35 (1986); *Ampelocalamus ludianensis*.
 melicoideum P.C. Keng in *J. Bamboo Res.*, 5(2): 35 (1986)—China.
 naibunensis (Hayata) P.C. Keng in *J. Bamboo Res.*, 5(2): 32 (1986); *Arundinaria naibunensis*.
 suberecta (Munro) R.B. Majumder in *Bull. Bot. Surv. India*, 25(1-4): 236 (1983 publ. 1985); *Arundinaria suberecta*.

DRESSLERELLA (Orchidac.).

- subgen. *Pilositas* C.A. Luer, *Ic. Pleurothallid. V (Monogr. Syst. Bot. Missouri Bot. Gard.* 26): 3 (1988).

DRESSLERTHAMNUS (Compos.).

- gentryi H. Robinson in *Syst. Bot.*, 14(3): 384 (1989)—Colombia.
 peperomioides H. Robinson in *Syst. Bot.*, 14(3): 386 (1989)—Panama.

DRIMIA (Hyacinthac.).

- brachystachys (Bak.) B. Stedje in *Nordic J. Bot.*, 7(6): 665 (1987); *Urginea brachystachys*.
 calcarata (Bak.) B. Stedje in *Nordic J. Bot.*, 7(6): 663 (1987); *Ornithogalum calcaratum*.
 glaucescens (Engl. & K. Krause) H. Scholz in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 11(4): 444 (1989 publ. 1990); *Urginea glaucescens*.
 macrocarpa B. Stedje in *Nordic J. Bot.*, 7(6): 664 (1987)—Tanzania, Kenya.
 porphyrantha (Bullock) B. Stedje in *Nordic J. Bot.*, 7(6): 665 (1987); *Urginea porphyrantha*.

DROGUETIA (Urticac.).

- hildebrandtii I. Friis & C.M. Wilmot-Dear in *Nordic J. Bot.*, 7(2): 126 (1987)—Madagascar.
 iners
 subsp. *burchellii* (N.E. Br.) I. Friis & C.M. Wilmot-Dear in *Nordic J. Bot.*, 7(2): 126 (1987); *D. burchellii*.
 subsp. *pedunculata* I. Friis in *Nordic J. Bot.*, 10(4): 432 (1990)—Ethiopia.
 subsp. *urticoides* (Wight) I. Friis & C.M. Wilmot-Dear in *Nordic J. Bot.*, 7(2): 126 (1987); *Forsskaolea urticoides*.

DROSERA (Droserac.).

- admirabilis P. Debbert in *Mitt. Bot. Staatssamml. München*, 23: 431 (1987)—South Africa (Cape Province).
 ×hybrida J.M. Macfarlane in *Trans. & Proc. Bot. Soc. Pennsylvania*, 1: 90, 94, 95, 99, pl 12 (1899)—U.S.A. (New Jersey). (D. filiformis × intermedia).
 mannii M. Cheek in *Phytologia*, 68(2): 86 (1990)—Australia (W. Australia).
 prostratoscaposa A. Lourie & S. Carlquist in *Phytologia*, 69(3): 160 (1990)—Australia (W. Australia).
 pumilla E. Santos in *Bradea*, 4(38): 305 (1986)—Brazil.
 rechingeri A. Strid in *Pl. Syst. Evol.*, 155(1-4): 343 (1987)—Australia (W. Australia).
 slackii M.R. Cheek in *Kew Bull.*, 42(3): 738 (1987)—South Africa (Cape Province).
 venusta P. Debbert in *Mitt. Bot. Staatssamml. München*, 23: 432 (1987)—South Africa (Cape Province).

DRYADODAPHNE (Monimiac.).

- crassa Schodde ex W.R. Philipson in *Fl. Males.*, 10(2): 265 (1986)—New Guinea (Papua New Guinea).
 novoguineensis
 var. *macra* Schodde ex W.R. Philipson in *Fl. Males.*, 10(2): 266 (1986)—New Guinea (Papua New Guinea).
 subsp. *occidentalis* Schodde ex W.R. Philipson in *Fl. Males.*, 10(2): 267 (1986)—New Guinea (W. Irian).

DRYANDRA (Proteac.).

- shanklandiorum R.P. Randall in *Bot. Jahrb.*, 109(4): 445 (1988)—Australia (W. Australia).

DRYMOCALLIS (Rosac.).

- calycina (Boiss. & Bal.) J. Soják in *Čas. Nár. Muz. (Prague)*, 154(3-4): 118 (1985 publ. 1989); *Potentilla calycina*.
 geoides (M. Bieb.) J. Soják in *Čas. Nár. Muz. (Prague)*, 154(3-4): 118 (1985 publ. 1989); *Potentilla geoides*.
 inquinans (Turcz.) J. Soják in *Čas. Nár. Muz. (Prague)*, 154(3-4): 118 (1985 publ. 1989); *Potentilla inquinans*.
 jailae (Fuz.) J. Soják in *Čas. Nár. Muz. (Prague)*, 154(3-4): 118 (1985 publ. 1989); *Potentilla jailae*.
 kulabensis (Wolf) J. Soják in *Čas. Nár. Muz. (Prague)*, 154(3-5): 118 (1985 publ. 1989); *Potentilla kulabensis*.
 poteriifolia (Boiss.) J. Soják in *Čas. Nár. Muz. (Prague)*, 154(3-4): 118 (1985 publ. 1989); *Potentilla poteriifolia*.
 regis-borisii (Stoj.) J. Soják in *Čas. Nár. Muz. (Prague)*, 154(3-4): 118 (1985 publ. 1989); *Potentilla regis-borisii*.
 rupestris (L.) J. Soják in *Čas. Nár. Muz. (Prague)*, 154(3-4): 118 (1985 publ. 1989); *Potentilla rupestris*.
 subsp. *corsica* (Sol. ex Lehm.) J. Soják in *Čas. Nár. Muz. (Prague)*, 154(3-4): 118 (1985 publ. 1989); *Potentilla corsica*.
 tianschanica (Wolf) J. Soják in *Čas. Nár. Muz. (Prague)*, 154(3-4): 118 (1985 publ. 1989); *Potentilla tianschanica*.

DRYOBALANOPS (Dipterocarpace.).

- sumatrensis (J.F. Gmelin) A.J.G.H. Kostermans in *Blumea*, 33(2): 346 (1988); *Laurus sumatrensis*.

DRYPETES (Euphorbiac.).

- balakrishnanii T. Chakrabarty & M. Gangopadhyay in *J. Econ. Taxon. Bot.*, 12(2): 393 (1988 publ. 1989)—Burma, Bangladesh.
 bhattacharyae T. Chakrabarty in *J. Econ. Taxon. Bot.*, 7(2): 453 (1985 publ. 1986), as 'bhattacharyai'—Nicobar Is.
 deplanchei
 subsp. *affinis* (Pax & Hoffm.) P.S. Green in *Kew Bull.*, 45(2): 239 (1990); *D. affinis*.
 gerrardinoidea A. Radcliffe-Smith in *Kew Bull.*, 45(4): 671 (1990)—Tanzania.
 hainanensis
 var. *longistipitata* P.T. Li in *Acta Phytotax. Sin.*, 26(1): 58 (1988), with two types cited—Hainan.
 lasiogyne
 subsp. *affinis* (Pax & Hoffm.) P.S. Green in *J. Arnold Arbor.*, 67(1): 111 (1986); *D. affinis*.
 longipes X.H. Song in *J. Nanjing Inst. Forest.*, 1986(1): 74 (1986)—China.
 usambarica
 var. *rugulosa* A. Radcliffe-Smith in *Kew Bull.*, 45(4): 673 (1990)—Tanzania.
 var. *stylosa* A. Radcliffe-Smith in *Kew Bull.*, 45(4): 673 (1990)—Tanzania.

DUBOUZETIA (Elaeocarpace.).

- sect. *Oligovula* M.J.E. Coode in *Kew Bull.*, 42(4): 803 (1987).
 sect. *Spongosperma* M.J.E. Coode in *Kew Bull.*, 42(4): 809 (1987).
 australiensis M.J.E. Coode in *Kew Bull.*, 42(4): 805 (1987)—Australia (N. Terr.).

DUCHESNEA (Rosac.).

- ×hara-kurosawae N. Naruhashi & M. Sugimoto in *J. Phytogeogr. Taxon.*, 34(1): 11 (1986)—Japan. (D. chrysantha × indica).

DUDLEYA (Crassulac.).

- abramsii
 subsp. *affinis* K.M. Nakai in *Madroño*, 34(4): 349 (1987 publ. 1988)—U.S.A. (California).
 subsp. *callicola* (Bartel & Shevock) K.M. Nakai in *Madroño*, 34(4): 347 (1987 publ. 1988); *D. callicola*.
 cymosa
 subsp. *agourensis* K.M. Nakai in *Madroño*, 34(4): 339 (1987 publ. 1988)—U.S.A. (California).
 subsp. *crebrifolia* K.M. Nakai & Verity in *Madroño*, 34(4): 344 (1987 publ. 1988)—U.S.A. (California).
 subsp. *paniculata* (Yeps.) K.M. Nakai in *Madroño*, 34(4): 338 (1987 publ. 1988); *Cotyledon caespitosa* var. *paniculata*.
 subsp. *pumila* (Rose) K.M. Nakai in *Madroño*, 34(4): 336 (1987 publ. 1988); *D. pumila*.
 pulverulenta
 var. *arizonica* (Rose) S.L. Welsh in *S.L. Welsh et al., Utah Fl. (Great Basin Nat. Mem.* 9): 242 (1987); *D. arizonica*.

DUGUETIA (Annonac.).

- antioquiensis H. León & P.J.M. Maas in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(3): 244 (1988)—Colombia.
 caniflora H. León & P.J.M. Maas in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(3): 246 (1988)—Colombia.

DUMASIA (Legumin.).

- prazeri S.V. Predeep & M.P. Nayar in *J. Jap. Bot.*, 65(4): 109 (1990)—Burma.
 villosa
 subsp. *bicolor* (Hayata) H. Ohashi & Y. Tateishi in *Sci. Rep. Tohoku Univ.*, Ser. 4, 38(4): 310 (1984); *Dumasia bicolor*.

DUNBARIA (Legumin.).

- maymyoensis P. Sathanarayanan & K. Thothathri in *Bull. Bot. Surv. India*, 27(1-4): 152 (1985 publ. 1987)—Burma.

DUPERREA (Rubiace.).

- pavettaefolia
 f. *mollissima* H. Chu in *Acta Sci. Nat. Univ. Sunyatseni*, 28(2): 66 (1989)—China.

DURANDEA (Linac.).

- neo-caledonica (Vieill.) M.G. Baumann-Bodenheim, *Syst. Fl. Neu-Caledonien*, 4: 103 (1988 publ. Jan. 1989), without basionym ref.; *et Syst. Fl. Neu-Caledonien*, 5: 76, 98 (May 1989), with basionym ref.: *Penicillanthemum neo-caledonicum*.

DURANTA (Verbenac.).

- arida
 subsp. *serpentina* R.W. Sanders & W.S. Judd in *Moscosoa*, 4: 217 (1986)—Hispaniola (Haiti).

DURIO (Bombacac.).

- bukitrayensis A.J.G.H. Kostermans in *Bot. Helvetica*, 100(1): 29 (1990)—Borneo (Kalimantan).

DUSCHEKIA (Betulac.).

- alnobetula
 subsp. *suaveolens* (Requien) J. Holub in *Preslia*, 58(4): 302 (1986); *Alnus suaveolens*.

DUVALIA (Asclepiadac.).

- sect. *Arabica* U. Meve & F. Albers in *Mitt. Inst. Allg. Bot. Hamburg*, 23b: 597 (1990).
 immaculata (Luckhoff) Bayer ex L.C. Leach in *S. Afr. J. Bot.*, 55(2): 268 (1989); *D. maculata* var. *immaculata*.
 vestita U. Meve in *Kakt. And. Sukk.*, 39(9): 197 (1988)—South Africa (Cape Province).

DUVAUCELLIA S. Bowdich in T.E. Bowdich, Exc.

- Madeira: 259 (1825); cf. D.J. Mabberley in *Bot. Macaronesica*, 6: 60 (1980). **RUBIACEAE**.
 tenuis S. Bowdich in T.E. Bowdich, Exc. Madeira: 259 (1825); cf. D.J. Mabberley in *Bot. Macaronesica*, 6: 60 (1980)—Gambia.

DYAKIA E.A. Christenson in *Orchid Dig.*, 50(2): 63 (1986). **ORCHIDACEAE**.
hendersoniana (Reichb. f.) E.A. Christenson in *Orchid Dig.*, 50(2): 63 (1986): *Saccolabium hendersonianum*.

DYCKIA (Bromeliac.).

agudensis B.E. Irgang & M. Sobral in *Napaea, Rev. Bot.*, 3: 5 (1987)—Brazil.
brachystachya W. Rauh & E. Gross in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 65: 8 (1988)—Brazil.
braunii W. Rauh in *J. Bromeliad Soc.*, 40(1): 25 (1990)—Brazil.
estevesii W. Rauh in *J. Bromeliad Soc.*, 37(3): 120 (1987)—Brazil.
granmogulensis W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 65: 11 (1988)—Brazil.
lindevaldae W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 65: 12 (1988)—Brazil.
nervata W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 60: 21 (1987)—Brazil.
oligantha
var. cristallina W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 65: 17 (1988)—Brazil.
polycladus L.B. Smith in *J. Bromeliad Soc.*, 39(5): 206 (1989)—Brazil.
racinae L.B. Smith in *J. Bromeliad Soc.*, 38(6): 249 (1988)—Brazil.
scrutor L.B. Smith in *J. Bromeliad Soc.*, 37(4): 151 (1987)—Brazil.

DYSCHORISTE (Acanthac.).

dalyi A.G. Miller in *Notes Roy. Bot. Gard. Edinburgh*, 45(1): 66 (1988)—Oman.
macvaughii T.F. Daniel in *Proc. Calif. Acad. Sci.*, Ser. 4, 46(12): 279 (1990), as 'mcvvaughii'—Mexico.

DYSOPHYLLA (Labiata).

stellata
var. taiwaniana S.S. Ying, *Colour. Illustr. Pl. Taiwan, Pt. 4; Colour. Illustr. Herbac. Pl. Taiwan*, Vol. 1: 205 (1980), without type—Taiwan.

DYSOSMA (Berberidac.).

furfuracea S.Y. Bao in *Acta Phytotax. Sin.*, 25(2): 155 (1987)—China.

DYSOXYLUM (Meliac.).

couveleense A. Guillaumin in *Mém. Mus. Nation. Hist. Nat. Nouv. Sér., B (Paris)*, 15(2): 104 (1967)—New Caledonia.
hurlimannii A. Guillaumin in *Mém. Mus. Nation. Hist. Nat. Nouv. Sér., B (Paris)*, 15(2): 105 (1967)—New Caledonia.
rufescens
subsp. dzumacense (Guillaumin) D.J. Mabberley in *Fl. N. Caléd. & Dépend.*, 15: 39 (1988): D. dzumacense.

DYSSODIA (Compos.).

pulcherrima (Strother) B.L. Turner in *Phytologia*, 68(3): 166 (1990): D. neomexicana var. pulcherrima.

DYSTOVOMITA (Guttif.).

paniculata (J.D. Smith) B. Hammel in *Ann. Missouri Bot. Gard.*, 76(3): 927 (1989): *Rheedia paniculata*.

E

EBRACTEOLA (Aizoac.).

fulleri (L. Bol.) H.F. Glen in *Bothalia*, 16(2): 222 (1986): *Ruschia fulleri*.
wilmaniae (L. Bol.) H.F. Glen in *Bothalia*, 16(2): 222 (1986): *Mesembryanthemum wilmaniae*.

ECBALLIUM (Cucurbitac.).

claterium
subsp. dioicum (Batt.) D.E. Costich in *An. Jard. Bot. Madrid*, 45(2): 582 (1988 publ. 1989): E. claterium var. dioicum.

ECBOLIUM (Acanthac.).

albiflorum K. Vollesen in *Kew Bull.*, 44(4): 645 (1989)—Ethiopia, Kenya.
benoistii K. Vollesen in *Kew Bull.*, 44(4): 675 (1989)—Madagascar.
boranense K. Vollesen in *Kew Bull.*, 44(4): 661 (1989)—Ethiopia, Kenya.
clarkei
var. puberulum K. Vollesen in *Kew Bull.*, 44(4): 668 (1989)—Zimbabwe, Mozambique, Angola, Namibia.
glabratum K. Vollesen in *Kew Bull.*, 44(4): 669 (1989)—South Africa (Transvaal), Swaziland, Mozambique.
hastatum K. Vollesen in *Kew Bull.*, 44(4): 643 (1989)—Mozambique.
humbertii K. Vollesen in *Kew Bull.*, 44(4): 679 (1989)—Madagascar.
ligustrinum (Vahl) K. Vollesen in *Kew Bull.*, 44(4): 651 (1989): *Justicia ligustrina*.
madagascariense K. Vollesen in *Kew Bull.*, 44(4): 673 (1989), nom. nov.: E. longiflorum Turrill.
oblongifolium K. Vollesen in *Kew Bull.*, 44(4): 677 (1989), nom. nov.: E. linneanum var. oblongum Benoist.
palmatum K. Vollesen in *Kew Bull.*, 44(4): 680 (1989), nom. nov.: E. linneanum var. cordatum Benoist.
subcordatum
var. glabratum K. Vollesen in *Kew Bull.*, 44(4): 671 (1989)—Kenya, Tanzania.
syringifolium (Vahl) K. Vollesen in *Kew Bull.*, 44(4): 672 (1989): *Justicia syringifolia*.
tanzaniense K. Vollesen in *Kew Bull.*, 44(4): 659 (1989)—Tanzania.

ECCLINUSA (Sapotac.).

atabapoensis (Aubréville) T.D. Pennington in *Fl. Neotrop.*, 52: 627 (1990): *Neoxythece atabapoensis*.
bullata T.D. Pennington in *Fl. Neotrop.*, 52: 634 (1990)—Venezuela, Brazil.
dumetorum (Baehni) T.D. Pennington in *Fl. Neotrop.*, 52: 635 (1990): *Chrysophyllum dumetorum*.
parviflora T.D. Pennington in *Fl. Neotrop.*, 52: 628 (1990)—Venezuela.

ECCOILOPUS (Gramin.).

cotulifer
subsp. densiflorus (Ohwi) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 502 (1987): E. cotulifer var. densiflorus.

ECDYSANThERA (Apocynac.).

lakhimpurensis S.K. Srivastava & B.N. Mehrotra in *Candollea*, 41(2): 381 (1986)—Assam.

ECHEANDIA (Antheriac.).

altipratensis R.W. Cruden in *Phytologia*, 59(6): 373 (1986)—Guatemala.
bolivarensis R.W. Cruden in *Ann. Missouri Bot. Gard.*, 76(1): 350 (1989)—Venezuela.
breedlovei R.W. Cruden in *Phytologia*, 59(6): 374 (1986)—Mexico.
campechiana R.W. Cruden in *Phytologia*, 59(6): 378 (1986)—Mexico.
chiapensis R.W. Cruden in *Phytologia*, 59(6): 375 (1986)—Mexico.
ciliata (Kunth) R.W. Cruden in *Phytologia*, 59(6): 380 (1986): *Phalangium ciliatum*.
coalcomanensis R.W. Cruden in *Contrib. Univ. Mich. Herb.*, 16: 130 (1987)—Mexico.
formosa (Weatherby) R.W. Cruden in *Phytologia*, 59(6): 380 (1986): E. macrocarpa var. formosa.
gentryi R.W. Cruden in *Contrib. Univ. Mich. Herb.*, 16: 132 (1987)—Mexico.
imbricata R.W. Cruden in *Contrib. Univ. Mich. Herb.*, 16: 133 (1987)—Mexico.
luteola R.W. Cruden in *Phytologia*, 59(6): 377 (1986)—Mexico, Belize.
macvaughii R.W. Cruden in *Contrib. Univ. Mich. Herb.*, 16: 129 (1987), as 'mcvvaughii'—Mexico.
matudae R.W. Cruden in *Phytologia*, 59(6): 376 (1986)—Mexico, Guatemala, Salvador.

ECHEANDIA :-

molinae R.W. Cruden in *Phytologia*, 59(6): 377 (1986)—Guatemala.
occidentalis R.W. Cruden in *Contrib. Univ. Mich. Herb.*, 16: 132 (1987)—Mexico.
parvicapsulata R.W. Cruden in *Contrib. Univ. Mich. Herb.*, 16: 130 (1987)—Mexico.
petenensis R.W. Cruden in *Phytologia*, 59(6): 376 (1986)—Guatemala, Belize.
pihuamensis R.W. Cruden in *Contrib. Univ. Mich. Herb.*, 16: 131 (1987)—Mexico.
pittieri R.W. Cruden in *Phytologia*, 59(6): 379 (1986)—Panama, Colombia.
ramosissima (Presl) R.W. Cruden in *Phytologia*, 59(6): 380 (1986): *Phalangium ramosissimum*.
robusta R.W. Cruden in *Contrib. Univ. Mich. Herb.*, 16: 131 (1987)—Mexico.
sinaloensis R.W. Cruden in *Contrib. Univ. Mich. Herb.*, 16: 130 (1987)—Mexico.
skinneri (Baker) R.W. Cruden in *Phytologia*, 59(6): 380 (1986): *Anthericum skinneri*.
udipratensis R.W. Cruden in *Contrib. Univ. Mich. Herb.*, 16: 132 (1987)—Mexico.
vestita (Baker) R.W. Cruden in *Phytologia*, 59(6): 380 (1986): *Anthericum vestitum*.
williamsii R.W. Cruden in *Phytologia*, 59(6): 373 (1986)—Honduras, Guatemala.

ECHIDNOPSIS (Asclepiadac.).

sect. *Glabra* P.V. Bruyns in *Bradleya*, 6: 8 (1988).
sect. *Profundicorona* P.V. Bruyns in *Bradleya*, 6: 31 (1988).
sect. *Vadosicorona* P.V. Bruyns in *Bradleya*, 6: 14 (1988), as 'Vadosigorona'.
malum (Lavranos) P.V. Bruyns in *Bradleya*, 6: 43 (1988): *Pseudopectinaria malum*.
scutellata
subsp. australis P.V. Bruyns in *Bradleya*, 6: 19 (1988)—Kenya.
subsp. dhofarensis P.V. Bruyns in *Bradleya*, 6: 18 (1988)—Oman.
subsp. planiflora (Bally) P.V. Bruyns in *Bradleya*, 6: 19 (1988): E. planiflora.
sharpei
subsp. ciliata (Bally) P.V. Bruyns in *Bradleya*, 6: 38 (1988): E. ciliata.
subsp. repens (R.A. Dyer & Verdoorn) P.V. Bruyns in *Bradleya*, 6: 37 (1988): E. repens.

ECHINACANTHUS (Acanthac.).

flaviflorus H.S. Lo & D. Fang in *Acta Bot. Yunnanica*, 7(2): 141 (1985)—China.
longipes H.S. Lo & D. Fang in *Acta Bot. Yunnanica*, 7(2): 138 (1985)—China.
longzhouensis H.S. Lo in *Acta Bot. Yunnanica*, 7(2): 140 (1985)—China.

ECHINACEA (Compos.).

pallida
var. sanguinea (Nutt.) K.N. Gandhi & R.D. Thomas in *Sida, Bot. Misc.*, 4: 69 (1989): E. sanguinea.
serotina (Sweet) D. Don ex G. Don f. in *Loud., Hort. Brit.*, ed. 2: 587 (1832); cf. D.J. Mabberley in *Taxon*, 30(1): 16 (1981): Basionym not stated.

×**ECHINOBERGIA** R. Mottram, *Contrib. New Class. Cact. Fam.*: 35 (1990). **CACTACEAE**. (Echinofossulocactus × Leuchtenbergia).

ECHINOCEREUS (Cactac.).

cinerascens
var. septentrionalis N.P. Taylor in *Bradleya*, 6: 68 (1988)—Mexico.
var. tulensis (H. Bravo-H.) N.P. Taylor in *Bradleya*, 6: 69 (1988): E. tulensis.
coccineus
var. arizonicus (Rose ex Orcutt) D.J. Ferguson in *Cact. Succ. J. (U.S.A.)*, 61(5): 221 (1989): E. arizonicus.
var. gurneyi K.D. Heil & S. Brack in *Cact. Succ. J. (U.S.A.)*, 60(1): 26 (1988): E. triglochidiatus var. gurneyi.
var. paucispinus (Engelm.) D.J. Ferguson in *Cact. Succ. J. (U.S.A.)*, 61(5): 222 (1989): *Cereus paucispinus*.
longisetus
var. delaetii (M. Gürke) N.P. Taylor in *Bradleya*, 6: 79 (1988): *Cephalocereus delaetii*.

ECHINOCEREUS :-

- metornii G.R.W. Frank in *Kakt. And. Sukk.*, 41(10): 215 (1990)—Mexico.
 mombbergerianus G.R.W. Frank in *Kakt. And. Sukk.*, 40(11): 274 (1989)—Mexico.
 nicholii (L. Benson) B.D. Parfitt in *Phytologia*, 63(3): 157 (1987); E. engelmannii var. nicholii.
 parkeri N.P. Taylor in *Bradleya*, 6: 73 (1988)—Mexico.
 var. gonzalezii N.P. Taylor in *Bradleya*, 6: 74 (1988)—Mexico.
 polyacanthus
 var. huitcholensis (F.A.C. Weber) N.P. Taylor in *Bradleya*, 6: 82 (1988); *Cereus huitcholensis*.
 pseudopectinatus (N.P. Taylor) N.P. Taylor in *Bradleya*, 7: 74 (1989); E. bristolii var. pseudopectinatus.
 pulchellus
 var. sharpii N.P. Taylor in *Bradleya*, 7: 75 (1989)—Mexico.
 rayonensis N.P. Taylor in *Bradleya*, 6: 75 (1988)—Mexico.
 scheeri
 var. koehresianus G.R.W. Frank in *Kakt. And. Sukk.*, 39(8): 188 (1988)—Mexico.
 var. obscuriensis A.B. Lau in *Kakt. And. Sukk.*, 40(2): 36 (1989)—Mexico.
 schereri G.R.W. Frank in *Kakt. And. Sukk.*, 41(8): 159 (1990)—Mexico.
 stramineus
 var. occidentalis N.P. Taylor in *Bradleya*, 6: 70 (1988)—Mexico.

ECHINOCHLOA (Gramin.).

- crus-galli
 subsp. oryzicola (Vasing) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 503 (1987); *Panicum oryzicola*.
 subsp. utilis (Ohwi & Yabuno) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 503 (1987); E. utilis.
 crus-pavonis
 var. austrojaponensis (Ohwi) S.L. Dai in *Acta Sci. Nat. Univ. Sunyatseni*, 1986(3): 78 (1986), without basionym ref.: Basionym not stated.
 var. breviseta (Neir.) S.L. Dai in *Acta Sci. Nat. Univ. Sunyatseni*, 1986(3): 78 (1986), without basionym ref.: Basionym not stated.
 var. praticola (Ohwi) S.L. Dai in *Acta Sci. Nat. Univ. Sunyatseni*, 1986(3): 78 (1986), without basionym ref.: Basionym not stated.
 formosensis (Ohwi) S.L. Dai in *Acta Sci. Nat. Univ. Sunyatseni*, 1986(3): 78 (1986), without basionym ref.: Basionym not stated.
 jaliscana R. McVaugh, *Fl. Novo-Galiciana*, 14: 153 (1983)—Mexico.
 persistens Z.S. Diao in *Acta Bot. Yunnanica*, 10(3): 371 (1988)—China.
 walteri
 var. laevigata (Wieg.) S.R. Hill in *Castanea*, 51(4): 277 (1986); E. walteri f. laevigata.

- ECHINOCODON** A.A. Kolakovskii in *Soobshch. Akad. Nauk Gruz. SSR*, 121(2): 387 (1986), non D.Y. Hong (1984). **CAMPANULACEAE**.
 primulifolium (Brot.) A.A. Kolakovskii in *Soobshch. Akad. Nauk Gruz. SSR*, 121(2): 387 (1986); *Campanula primulifolia*.

- ECHINOCORYNE** H. Robinson in *Proc. Biol. Soc. Wash.*, 100(3): 586 (1987). **COMPOSITAE**.
 echinocephala (H. Robinson) H. Robinson in *Proc. Biol. Soc. Wash.*, 100(3): 587 (1987); *Vernonia echinocephala*.
 holosericea (Mart.) H. Robinson in *Proc. Biol. Soc. Wash.*, 100(3): 587 (1987); *Vernonia holosericea*.
 pungens (Gardn.) H. Robinson in *Proc. Biol. Soc. Wash.*, 100(3): 587 (1987); *Vernonia pungens*.
 schwenkiaefolia (Mart.) H. Robinson in *Proc. Biol. Soc. Wash.*, 100(3): 587 (1987); *Vernonia schwenkiaefolia*.
 stricta (Gardn.) H. Robinson in *Proc. Biol. Soc. Wash.*, 100(3): 588 (1987); *Vernonia stricta*.
 subulata (Baker) H. Robinson in *Proc. Biol. Soc. Wash.*, 100(3): 588 (1987); *Vernonia subulata*.

ECHINODORUS (Alismatac.).

- bracteatus
 subsp. efenestratus (Fassett) R.R. Haynes & L.B. Holm-Nielsen in *Brittonia*, 38(4): 330 (1986); E. bracteatus var. efenestratus.
 cordifolius
 subsp. fluitans (Fassett) R.R. Haynes & L.B. Holm-Nielsen in *Brittonia*, 38(4): 329 (1986); E. fluitans.
 grandiflorus
 subsp. aureus (Fassett) R.R. Haynes & L.B. Holm-Nielsen in *Brittonia*, 38(4): 330 (1986); E. grandiflorus var. aureus.
 latifolius (Seubert) K. Rataj in *Fl. Venezuela*, 11(2): 67 (1982); *Alisma tenellum* f. latifolium.
 macrophyllus
 subsp. scaber (Rataj) R.R. Haynes & L.B. Holm-Nielsen in *Brittonia*, 38(4): 331 (1986); E. scaber.
 reticulatus R.R. Haynes & L.B. Holm-Nielsen in *Brittonia*, 38(4): 327 (1986)—Surinam.
 subulatus
 subsp. andrieuxii (Hook. & Arn.) R.R. Haynes & L.B. Holm-Nielsen in *Brittonia*, 38(4): 327 (1986); *Alisma andrieuxii*.

ECHINOLAENA (Gramin.).

- oplismenoides (Munro ex Doell) M.T. Stieber in *Syst. Bot.*, 12(2): 212 (1987); *Ichnanthus oplismenoides*.
 standleyi (A.S. Hitchc.) M.T. Stieber in *Syst. Bot.*, 12(2): 214 (1987); *Ichnanthus standleyi*.

×ECHINOPARODIA R. Mottram, *Contrib. New Class. Cact. Fam.*: 36 (1990). **CACTACEAE**. (*Echinopsis* × *Parodia*).**ECHINOPS** (Compos.).

- bampsiensis S. Lisowski in *Bull. Jard. Bot. Nation. Belg.*, 59(1-2): 255 (1989)—Zaire.
 buhaitensis Mesfin Tadesse in *Mitt. Inst. Allg. Bot. Hamburg*, 23b: 617 (1990)—Ethiopia.
 chodzha-mumini M.R. Rasulova & B.A. Sharipova in *Fl. Tadzhikskoi SSR*, 9: 531, 501 (1988)—U.S.S.R. (Middle Asia).
 fraudator C.C. Townsend in *Kew Bull.*, 43(1): 113 (1988)—Iraq.
 hissaricus M.R. Rasulova & B.A. Sharipova in *Fl. Tadzhikskoi SSR*, 9: 530, 498 (1988)—U.S.S.R. (Middle Asia).
 jaxarticus A. Bunge, *Beitr. Fl. Russl.*: 174 (1852)—U.S.S.R. (Middle Asia).
 kebericho Mesfin Tadesse in *Mitt. Inst. Allg. Bot. Hamburg*, 23b: 616 (1990)—Ethiopia.
 lanatus C. Jeffrey & Mesfin Tadesse in *Kew Bull.*, 45(2): 351 (1990)—Tanzania, Uganda, Kenya.
 maracandicus A. Bunge, *Beitr. Fl. Russl.*: 175 (1852)—U.S.S.R. (Middle Asia).
 nuratavicus A.D. Li in *Novosti Sist. Vyssh. Rast.*, 24: 201 (1987)—U.S.S.R. (Middle Asia).
 pseudomaracondicus M.R. Rasulova & B.A. Sharipova in *Fl. Tadzhikskoi SSR*, 9: 529, 498 (1988)—U.S.S.R. (Middle Asia).
 rubromontanus R. Kam. ex M.R. Rasulova & B.A. Sharipova in *Fl. Tadzhikskoi SSR*, 9: 530, 501 (1988)—U.S.S.R. (Middle Asia).
 taekholmianus A. Amin in *Candollea*, 42(1): 411 (1987), as 'taekholmiana'—Egypt.

ECHINOPSILON (Chenopodiace.).

- caspicus Lehm. ex A. Bunge, *Beitr. Fl. Russl.*: 279 (1852)—U.S.S.R. (Middle Asia).
 †

ECHINOPSIS (Cactac.).

- aurea
 var. albiflora (Rausch) J. Ullmann in *Kaktusy (Brno)*, 26(1): 7 (1990); *Lobivia aurea* var. albiflora.
 var. callochrysea (Ritt.) J. Ullmann in *Kaktusy (Brno)*, 26(1): 7 (1990); *Hymenorebutia aurea* var. callochrysea.
 var. catamarcensis (Ritt.) J. Ullmann in *Kaktusy (Brno)*, 26(1): 7 (1990); *Hymenorebutia aurea* var. catamarcensis.
 var. depressicostata (Ritt.) J. Ullmann in *Kaktusy (Brno)*, 26(1): 7 (1990); *Hymenorebutia aurea* var. depressicostata.
 var. dobeana (Dölz) J. Ullmann in *Kaktusy (Brno)*, 26(1): 7 (1990); *Lobivia dobeana*.

ECHINOPSIS :-

- var. fallax (Oehme) J. Ullmann in *Kaktusy (Brno)*, 26(1): 7 (1990); *Lobivia fallax*.
 var. lariojensis (Ritt.) J. Ullmann in *Kaktusy (Brno)*, 26(1): 7 (1990); *Hymenorebutia aurea* var. lariojensis.
 var. sierragrandensis (Rausch) J. Lambert in *Succulenta*, 67(9): 182 (1988), without basionym page; *Lobivia aurea* var. sierragrandensis.
 var. sierragrandensis (Rausch) J. Ullmann in *Kaktusy (Brno)*, 26(1): 7 (1990); *Lobivia aurea* var. sierragrandensis.
 var. tortuosa (Rausch) J. Ullmann in *Kaktusy (Brno)*, 26(1): 7 (1990); *Lobivia aurea* var. tortuosa.
 candicans (Gillies ex Salm-Dyck) F.A.C. Weber ex D. Hunt in *Bradleya*, 5: 92 (1987); *Cereus candicans*.
 coquimbana (Britton & Rose) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 86 (1989), as comb. nov., without latin descr. or type—Chile.
 desalaticola
 var. fulvilana (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 86 (1989); *Trichocereus fulvilanus*.
 fallax
 var. albiflora (Rausch) J. Lambert in *Succulenta*, 67(9): 182 (1988); *Lobivia aurea* var. albiflora.
 var. callochrysea (Ritter) J. Lambert in *Succulenta*, 67(9): 182 (1988); *Hymenorebutia aurea* var. callochrysea.
 var. catamarcensis (Ritter) J. Lambert in *Succulenta*, 67(9): 182 (1988); *Hymenorebutia aurea* var. catamarcensis.
 var. depressicostata (Ritter) J. Lambert in *Succulenta*, 67(9): 182 (1988); *Hymenorebutia aurea* var. depressicostata.
 var. shaferi (Britton & Rose) J. Lambert in *Succulenta*, 67(9): 182 (1988); *Lobivia shaferi*.
 var. tortuosa (Rausch) J. Lambert in *Succulenta*, 67(9): 182 (1988), without basionym page; *Lobivia aurea* var. tortuosa.
 schieliana (Backeberg) D. Hunt in *Bradleya*, 5: 92 (1987); *Lobivia schieliana*.
 spinibarbis (Otto) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 90 (1989); *Cereus spinibarbis*.
 tegeleriana (Backeberg) D. Hunt in *Bradleya*, 5: 92 (1987); *Lobivia tegeleriana*.
 thionantha (Spegazzini) D. Hunt in *Bradleya*, 5: 92 (1987); *Echinocactus thionanthus*.
 uebelmanniana (Lembeck & Back.) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 92 (1989), basionym invalid; *Soehrensia uebelmanniana*.
- ECHINOSPARTUM** (Legumin.).
 boissieri
 subsp. webbii (Spach) B.E. Smythies in *Englera*, 3(3): 880 (Feb. 1986); *Genista webbii*.
 subsp. webbii (Spach) W. Greuter & Burdet in *Willdenowia*, 16(1): 109 (8 Aug. 1986); *Genista webbii*.
- ECHINOSPERMUM** (Boraginac.).
 divaricatum A. Bunge, *Beitr. Fl. Russl.*: 234 (1852)—U.S.S.R. (Middle Asia).
 †
 heterocaryum A. Bunge, *Beitr. Fl. Russl.*: 235 (1852), nom. nov.: *Heterocaryum rigidum* DC. †
- ECHIUM** (Boraginac.).
 popovii D.N. Dobrochaeva in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 117 (1976 publ. 1977)—U.S.S.R. (Crimea).
 saetabense J.B. Peris, R. Figuerola & G. Stübing in *Bot. J. Linn. Soc.*, 97(3): 263 (1988)—Spain.
- ECLIPTA** (Compos.).
 longifolia Schrad., *Ind. Sem. Hort. Acad. Gott.*, 1831: 3 (1831); *Linnaea* 8, *Lit.*: 23 (1834); cf. D.J. Mabblerley in *Taxon*, 32(1): 84 (1983)—Locality not stated.
 oederi (Murr.) Weigel, *Hort. Gryph.*: 33 (1782); cf. D.J. Mabblerley in *Taxon*, 33(3): 442 (1984); *Cotula oederi*.
 patula Schrad., *Ind. Sem. Hort. Acad. Gott.*, 1831: 3 (1831); *Linnaea* 8, *Lit.*: 23 (1834); cf. D.J. Mabblerley in *Taxon*, 32(1): 84 (1983)—Locality not stated.

- ECLIPTA** :-
patula (DC.) Endl., *Cat. Horti Vindob.*, 1: 335 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 435 (1984); Basionym not stated.
- ECTADIUM** (Asclepiadac.).
rotundifolium (H. Huber) H.J.T. Venter & J.D.S. Kotze in *S. Afr. J. Bot.*, 56(1): 120 (1990); E. virgatum var. *rotundifolium*.
- EDGEWORTHIA** (Thymelaeac.).
eriosolenoides Feng & S.C. Huang in *Acta Bot. Yunnanica*, 7(3): 281 (1985)—China.
- EDMONDIA** (Compos.).
fasciculata (Andr.) O.M. Hilliard in *Fl. S. Afr.*, 33(7-2): 316 (1983); *Xeranthemum fasciculatum*.
- EGGELINGIA** (Orchidac.).
gabonensis P.J. Cribb & F.M. Van der Laan in *Kew Bull.*, 44(3): 479 (1989)—Gabon, Cameroun.
- EHRETIA** (Boraginac.).
abyssinica
var. silvatica (Guerke) H. Riedl in *Linzb. Biol. Beitr.*, 17(2): 313 (1985); E. *silvatica*.
- EHRHARTA** (Gramin.).
ramosa
subsp. aphylla (Schrad.) G.E. Gibbs Russell in *Bothalia*, 19(2): 191 (1989); E. *aphylla*.
rehmannii
subsp. filiformis (Stapf) G.E. Gibbs Russell in *Bothalia*, 19(2): 193 (1989); E. *rehmannii* var. *filiformis*.
subsp. subspicata (Stapf) G.E. Gibbs Russell in *Bothalia*, 19(2): 194 (1989); E. *subspicata*.
thunbergii G.E. Gibbs Russell in *Bothalia*, 17(2): 192 (1987), nom. nov.: *Aira villosa* L.f.
- EIRMOCEPHALA** H. Robinson in *Proc. Biol. Soc. Wash.*, 100(4): 853 (1987). **COMPOSITAE**.
brachiata (Benth. ex Oersted) H. Robinson in *Proc. Biol. Soc. Wash.*, 100(4): 854 (1987); *Vernonia brachiata*.
cainarachiensis (Hieron.) H. Robinson in *Proc. Biol. Soc. Wash.*, 100(4): 854 (1987); *Vernonia cainarachiensis*.
megaphylla (Hieron.) H. Robinson in *Proc. Biol. Soc. Wash.*, 100(4): 854 (1987); *Vernonia megaphylla*.
- ELAEAGNUS** (Elaeagnac.).
calcarea Z.R. Xu in *Guihaia*, 5(4): 348 (1985)—China.
conferta
var. maculata (Servetaz) D. Basu in *J. Econ. Taxon. Bot.*, 7(2): 427 (1985 publ. 1986); E. *arboresca* var. *maculata*.
crispa C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 163 (1784)—Japan.†
glabra C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 164 (1784)—Japan.†
kanaii
var. osmastonii C.L. Malhotra & D. Basu in *Bull. Bot. Surv. India*, 26(1-2): 121 (1984 publ. 1985)—India.
lipoensis Z.R. Xu in *Acta Sci. Nat. Univ. Sunyatseni*, 1987(2): 46 (1987)—China.
macrophylla
var. kotoensis (Hayata) S.S. Ying, *Colour. Illustr. Pl. Taiwan*, Pt. 3: *Colour. Illustr. Lignous Pl. Taiwan*, 1: 455 (1987); E. *kotoensis*.
multiflora C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 163 (1784)—Japan.†
parvifolia
var. nuda (Serv.) D. Basu in *Bull. Bot. Surv. India*, 27(1-4): 241 (1985 publ. 1987); E. *umbellata* var. *nuda*.
var. pedunculata D. Basu in *J. Econ. Taxon. Bot.*, 8(2): 427 (1986), as 'pedunculatus'—Nepal, India.
var. villosa (Serv.) D. Basu in *Bull. Bot. Surv. India*, 27(1-4): 241 (1985 publ. 1987); E. *umbellata* var. *villosa*.
pungens C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 164 (1784)—Japan.†
s-stylata Z.R. Xu in *Acta Sci. Nat. Univ. Sunyatseni*, 1987(2): 45 (1987)—China.
- ELAEAGNUS** :-
umbellata C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 164 (1784)—Japan.†
xizangensis C.Y. Chang in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 74 (1986)—Xizang.
- ELAEOCARPUS** (Elaeocarpace.).
brachystachyus
var. fengii C. Chen & Y. Tang in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 96 (1988)—China.
capuronii C. Tirel in *Fl. Madagascar*, Fam. 125: 25 (1985)—Madagascar.
coralococcus C. Tirel in *Fl. Madagascar*, Fam. 125: 28 (1985)—Madagascar.
duclouxii
var. funingensis Y.C. Hsu & Y. Tang in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 96 (1988)—China.
fengjiensis P.C. Tuan in *Acta Sci. Nat. Univ. Szechuan*, 1982(4): 83 (1982)—China.
floribundus
var. tahanensis (Hend.) F.S.P. Ng in *Tree Fl. Malaya*, 4: 88 (1989); E. *tahanensis*.
japonicus
var. yunnanensis C. Chen & Y. Tang in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 96 (1988)—China.
lanyuensis C.E. Chang in *Quart. J. Chinese Forest.*, 21(1): 113 (1988), without type—Taiwan.
longlingensis Y.C. Hsu & Y. Tang in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 95 (1988)—China.
nitidus
var. salicifolius (King) F.S.P. Ng in *Tree Fl. Malaya*, 4: 91 (1989); E. *salicifolius*.
var. velutinus F.S.P. Ng in *Gard. Bull. Singapore*, 41(2): 44 (1988 publ. 1989)—Malaya.
var. wrayi (King) F.S.P. Ng in *Tree Fl. Malaya*, 4: 91 (1989); E. *wrayi*.
occidentalis C. Tirel in *Fl. Madagascar*, Fam. 125: 21 (1985)—Madagascar.
palembanicus
var. leptomischus (Ridley) B.C. Stone in *Fed. Mus. J. (Kuala Lumpur)*, 26(1): 83 (1981); E. *leptomischus*.
perincara F. Buchanan-Hamilton in *Trans. Linn. Soc.*, 17: 181 (1835); *fide* D.J. Mabberley in *Taxon*, 26(5-6): 530 (1977)—India.
perrieri C. Tirel in *Fl. Madagascar*, Fam. 125: 17 (1985)—Madagascar.
sallehiana F.S.P. Ng in *Gard. Bull. Singapore*, 41(2): 43 (1988 publ. 1989)—Malaya.
sylvestris
var. pachycarpus (Koidz.) H. Ohba in *J. Jap. Bot.*, 64(11): 328 (1989); E. *pachycarpus*.
symingtonii F.S.P. Ng in *Gard. Bull. Singapore*, 41(2): 43 (1988 publ. 1989)—Malaya.
trichanthera (Griff.) W. Theobald in F. Mason, *Burmah*, ed. 3, 2: 606 (1883); cf. D.J. Mabberley in *Taxon*, 34(1): 155 (1985); *Monoceras trichanthera*.
- ELAEOLUMA** (Sapotac.).
crispa T.D. Pennington in *Fl. Neotrop.*, 52: 246 (1990)—Venezuela.
- ELAPHANTHERA** N. Hallé in *Fl. N. Caléd. & Dépend.*, 15: 134 (1988). **SANTALACEAE**.
baumannii (Stauffer) N. Hallé in *Fl. N. Caléd. & Dépend.*, 15: 136 (1988); *Exocarpos baumannii*.
- ELATOSTEMA** (Urticac.).
ser. Auriculata W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 72 (1989).
ser. Hirtella W.T. Wang in *Acta Phytotax. Sin.*, 28(4): 307 (1990).
ser. Tenuicaudatoides W.T. Wang in *Acta Phytotax. Sin.*, 28(4): 311 (1990).
ser. acutitepalum W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 74 (1989)—China.
angustitepalum W.T. Wang in *Acta Phytotax. Sin.*, 28(4): 315 (1990)—Xizang.
backeri
var. villosulum W.T. Wang in *Acta Phytotax. Sin.*, 28(4): 312 (1990)—China.
beibengense W.T. Wang in *Acta Phytotax. Sin.*, 28(4): 308 (1990)—Xizang.
beshengii W.T. Wang in *Acta Phytotax. Sin.*, 28(4): 319 (1990)—Xizang.
- ELATOSTEMA** :-
biglomeratum W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 67 (1989)—China.
boehmerioides W.T. Wang in *Acta Phytotax. Sin.*, 28(4): 311 (1990)—Xizang.
crispulum W.T. Wang in *Acta Bot. Yunnanica*, 7(3): 295 (1985)—China.
cuneiforme
var. gracilipes W.T. Wang in *Acta Phytotax. Sin.*, 28(4): 319 (1990)—Xizang.
cuspidatum
var. dolichoceras W.T. Wang in *Acta Bot. Yunnanica*, 10(3): 346 (1988)—China.
didymosepalum W.T. Wang in *Acta Phytotax. Sin.*, 28(4): 316 (1990)—Xizang.
dulongense W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 72 (1989)—China.
ebracteatum W.T. Wang in *Acta Phytotax. Sin.*, 28(4): 316 (1990)—Xizang.
eriocephalum W.T. Wang in *Acta Phytotax. Sin.*, 28(4): 317 (1990)—Xizang.
ferrugineum W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 73 (1989)—China.
grande (Wedd.) P.S. Green in *Kew Bull.*, 45(2): 254 (1990); E. *sessile* var. *grande*.
gunshanense W.T. Wang in *Acta Bot. Yunnanica*, 10(3): 344 (1988)—China.
hekouense W.T. Wang in *Acta Bot. Yunnanica*, 7(3): 296 (1985)—China.
hirtellum (W.T. Wang) W.T. Wang in *Acta Phytotax. Sin.*, 28(4): 307 (1990); E. *subtrichotomum* var. *hirtellum*.
integrifolium
var. tomentosum (Hook. f.) W.T. Wang in *Acta Bot. Yunnanica*, 10(3): 343 (1988); E. *sesquifolium* var. *tomentosum*.
litseifolium W.T. Wang in *Acta Phytotax. Sin.*, 28(4): 313 (1990)—Xizang.
mabiense
var. sexbracteatum W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 69 (1989)—China.
microtrichium W.T. Wang in *Acta Bot. Yunnanica*, 7(3): 299 (1985)—China.
minutifuraceum W.T. Wang in *Acta Bot. Yunnanica*, 7(3): 293 (1985)—China.
parvum
var. brevicuspis W.T. Wang in *Acta Phytotax. Sin.*, 28(4): 312 (1990)—Xizang.
platyceras W.T. Wang in *Acta Bot. Yunnanica*, 10(3): 346 (1988)—China.
pseudocuspidatum W.T. Wang in *Acta Bot. Yunnanica*, 10(3): 345 (1988)—China.
pseudoficoides
var. pubicaule W.T. Wang in *Acta Bot. Yunnanica*, 10(3): 348 (1988)—China.
recticaudatum W.T. Wang in *Acta Phytotax. Sin.*, 28(4): 309 (1990)—Xizang.
salvinoides
var. robustum W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 69 (1989)—China.
shuzhii W.T. Wang in *Acta Phytotax. Sin.*, 28(4): 313 (1990)—Xizang.
sinense
var. trilobatum W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 69 (1989)—China.
stigmatosum W.T. Wang in *Acta Bot. Yunnanica*, 7(3): 297 (1985)—China.
tenuicaudatoides W.T. Wang in *Acta Phytotax. Sin.*, 28(4): 311 (1990)—Xizang.
tenuicaudatum
var. lasiocladum W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 67 (1989)—China.
xinningense W.T. Wang in *Guihaia*, 5(4): 323 (1985)—China.
yangbiense W.T. Wang in *Acta Bot. Yunnanica*, 7(3): 294 (1985)—China.
yui W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 70 (1989)—China.
yungshunense W.T. Wang in *Guihaia*, 5(4): 325 (1985)—China.
- ELATTOSTACHYS** (Sapindac.).
megalantha S.T. Reynolds in *Fl. Australia*, 25: 199, 70 (1985)—Australia (Queensland).
microcarpa S.T. Reynolds in *Fl. Australia*, 25: 199, 72 (1985)—Australia (Queensland).

ELEGIA (Restionac.).

- atratiflora *E.E. Esterhuysen in Bothalia*, 15(3-4): 420 (1985)—South Africa (Cape Province).
 caespitosa *E.E. Esterhuysen in Bothalia*, 15(3-4): 421 (1985)—South Africa (Cape Province).
 fucata *E.E. Esterhuysen in Bothalia*, 15(3-4): 423 (1985)—South Africa (Cape Province).
 grandispicata *H.P. Linder in Bothalia*, 15(3-4): 424 (1985)—South Africa (Cape Province).

ELEOCHARIS (Cyperac.).

- sect. *Rigidae* (Svens.) *I. Kukkonen in Ann. Bot. Fenn.*, 27(2): 115 (1990); *E. subser. Rigidae*.
 subgen. *Scirpidium* (Nees) *I. Kukkonen in Ann. Bot. Fenn.*, 27(2): 114 (1990); gen. *Scirpidium*.
 ser. *Websteria* (S.H. Wright) *G.C. Tucker in J. Arnold Arbor.*, 68(4): 387 (1987); gen. *Websteria*.
 abnorma *Y.D. Chen in Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 124 (1987)—China.
 andamanensis *E. Govindarajulu in Proc. Indian Acad. Sci., Pl. Sci.*, 100(1): 71 (1990)—Andaman Is.
 argyrolepis *Kierulff in A. Bunge, Beitr. Fl. Russl.*: 342 (1852)—U.S.S.R. (Middle Asia). †
 bahiensis *D.A. Simpson in Kew Bull.*, 43(1): 127 (1988)—Brazil.
 bulbosa *I. Kukkonen in Ann. Bot. Fenn.*, 27(2): 112 (1990)—Afghanistan.
 callosa *Y.D. Chen in Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 123 (1987)—China.
 carinata *D.I. Sakalo in Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 48 (1976 publ. 1977)—U.S.S.R. (Ukraine).
 confervoides (Poiret) *G.C. Tucker in J. Arnold Arbor.*, 68(4): 388 (1987); *Scirpus confervoides*.
 erhaiensis *Y.D. Chen in Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 122 (1987)—China.
 filiculmis
 var. *douradae* *D.A. Simpson in Kew Bull.*, 43(1): 133 (1988)—Brazil.
 glabella *Y.D. Chen in Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 118 (1987)—China.
 grandirostris (Lindman) *F. Meresles in Candollea*, 43(1): 416 (1988); *E. sulcata* var. *grandirostris*.
 kamschatcica
 var. *komarovii* (Zinserl.) *A.E. Kozhevnikov in Sosud. Rast. Sovet. Dal'nego Vostoka*, 3: 211 (1988); *E. komarovii*.
 kuoi *Y.D. Chen in Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 120 (1987)—China.
 lehmannii *Kierulff in A. Bunge, Beitr. Fl. Russl.*: 341 (1852)—U.S.S.R. (Middle Asia). †
 microlepis (Griseb.) *D.A. Simpson in Kew Bull.*, 43(3): 429 (1988); *Scirpus microlepis*.
 minima
 var. *tenuissima* (Böckeler) *D.A. Simpson in Kew Bull.*, 43(1): 131 (1988); *Heleocharis tenuissima*.
 morroi *D.A. Simpson in Kew Bull.*, 43(1): 131 (1988)—Brazil.
 multicaulis
 f. *vivipara* (Dumort.) *A.R. Pinto da Silva in Bol. Soc. Brot.*, 60: 157 (1987); *Clavula multicaulis* var. *vivipara*.
 obtusa
 f. *detonsa* (A. Gray) *C.F. Reed in Phytologia*, 67(6): 453 (1989); *E. engelmannii* var. *detonsa*.
 occidentalis *F. Meresles in Candollea*, 45(2): 653 (1990)—Paraguay.
 oxystachys *D.I. Sakalo in Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 50 (1976 publ. 1977)—U.S.S.R. (Ukraine).
 palustris
 var. *globularis* (Zinserl.) *A.E. Kozhevnikov in Sosud. Rast. Sovet. Dal'nego Vostoka*, 3: 210 (1988); *E. globularis*.
 var. *kurilensis* *A.E. Kozhevnikov in Sosud. Rast. Sovet. Dal'nego Vostoka*, 3: 210 (1988)—Kuril Is.
 paradoxa *Y.D. Chen in Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 121 (1987)—China.
 penchaoi *Y.D. Chen in Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 119 (1987)—China.
 qinghaiensis *Y.D. Chen in Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 117 (1987)—China.
 rugosa *D.A. Simpson in Kew Bull.*, 42(4): 900 (1987)—Brazil.
 setifolia
 subsp. *schweinfurthiana* (Böckeler) *D.A. Simpson in Kew Bull.*, 43(3): 428 (1988); *Heleocharis schweinfurthiana*.

ELEOCHARIS :-

- setulosa *P.C. Li in Acta Bot. Yunnanica*, 12(1): 11 (1990)—China.
 tuvinica *S.V. Bubnova in Bot. Zhurn.*, 71(10): 1405 (1986)—U.S.S.R. (Siberia, Middle Asia).

ELEPHANTOPUS (Compos.).

- subgen. *Pseudelephantopus* (Rohr.) *C. Jeffrey in Kew Bull.*, 43(2): 274 (1988); gen. *Pseudelephantopus*.
 scaber
 var. *argenteus* *C. Jeffrey in Kew Bull.*, 43(2): 273 (1988)—Tanzania, Zambia.

ELETTARIA (Zingiberac.).

- multiflora (Ridley) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(3): 462 (1986); *Elettariopsis multiflora*.

ELEUTHEROCOCCUS (Araliac.).

- sect. *Acanthopanax* (Decne. & Planch.) *H. Ohashi in J. Jap. Bot.*, 62(12): 355 (1987); *Panax* subgen. *Acanthopanax*.
 sect. *Cephalopanax* (Baill.) *H. Ohashi in J. Jap. Bot.*, 62(12): 356 (1987); gen. *Cephalopanax*.
 sect. *Sciadophyloides* (Harms) *H. Ohashi in J. Jap. Bot.*, 62(12): 356 (1987); *Acanthopanax* sect. *Sciadophyloides*.
 sect. *Zanthoxylopanax* (Harms) *H. Ohashi in J. Jap. Bot.*, 62(12): 356 (1987); *Acanthopanax* sect. *Zanthoxylopanax*.
 cissifolius (Griffith ex Seemann) *T. Nakai, Chosen-shokubutsu*, 1: 420 (1914); cf. *T. Nakai, Fl. Sylv. Kor.*, 16: 27 (1927); *Aralia cissifolia*.
 cuspidatus (Hoo) *H. Ohashi in J. Jap. Bot.*, 62(12): 358 (1987); *Acanthopanax cuspidatus*.
 divaricatus
 f. *inermis* (Nakai) *H. Ohashi in J. Jap. Bot.*, 62(12): 356 (1987); *Acanthopanax divaricatum* var. *inermis*.
 eleutheristylus (Hoo) *H. Ohashi in J. Jap. Bot.*, 62(12): 358 (1987); *Acanthopanax eleutheristylus*.
 var. *simplex* (Hoo) *H. Ohashi in J. Jap. Bot.*, 62(12): 358 (1987); *Acanthopanax eleutheristylus* var. *simplex*.
 fargesii (Fr.) *H. Ohashi in J. Jap. Bot.*, 62(12): 358 (1987); *Heptapleurum fargesii*.
 giraldii (Harms) *T. Nakai in J. Arnold Arbor.*, 5(1): 9 (1924); *Acanthopanax giraldii*.
 f. *hispidus* (Hoo) *H. Ohashi in J. Jap. Bot.*, 62(12): 358 (1987); *Acanthopanax giraldii* var. *hispidus*.
 gracilistylus
 var. *major* (Hoo) *H. Ohashi in J. Jap. Bot.*, 62(12): 358 (1987); *Acanthopanax gracilistylus* var. *major*.
 var. *nodiflorus* (Dunn) *H. Ohashi in J. Jap. Bot.*, 62(12): 359 (1987); *Acanthopanax nodiflorus*.
 var. *trifoliolatus* (C.B. Shang) *H. Ohashi in J. Jap. Bot.*, 62(12): 359 (1987); *Acanthopanax gracilistylus* var. *trifoliolatus*.
 japonicus
 f. *ionanthus* (Nakai) *H. Ohashi in J. Jap. Bot.*, 62(12): 357 (1987); *Acanthopanax japonicus* f. *ionantha*.
 f. *kiusianus* (Nakai) *H. Ohashi in J. Jap. Bot.*, 62(12): 357 (1987); *Acanthopanax kiusianum*.
 lasiogyne
 var. *ferrugineus* (Y.R. Li) *H. Ohashi in J. Jap. Bot.*, 62(12): 359 (1987); *Acanthopanax lasiogyne* var. *ferrugineus*.
 leucorrhizus
 var. *axillaritomentosus* (Hoo) *H. Ohashi in J. Jap. Bot.*, 62(12): 359 (1987); *Acanthopanax leucorrhizus* var. *axillaritomentosus*.
 nikaianus (Koidz. ex Nakai) *H. Ohashi in J. Jap. Bot.*, 62(12): 357 (1987); *Acanthopanax nikaianum*.
 obovatus (Hoo) *H. Ohashi in J. Jap. Bot.*, 62(12): 359 (1987); *Acanthopanax obovatus*.
 rehderianus (Harms) *T. Nakai in J. Arnold Arbor.*, 5(1): 9 (1924); *Acanthopanax rehderianus*.
 var. *longipedunculatus* (Hoo) *H. Ohashi in J. Jap. Bot.*, 62(12): 359 (1987); *Acanthopanax rehderianus* var. *longipedunculatus*.
 scandens (Hoo) *H. Ohashi in J. Jap. Bot.*, 62(12): 359 (1987); *Acanthopanax scandens*.
 sciadophyloides (Fr. & Sav.) *H. Ohashi in J. Jap. Bot.*, 62(12): 357 (1987); *Acanthopanax sciadophyloides*.

ELEUTHEROCOCCUS :-

- f. *albovariegatus* (Sugaya) *H. Ohashi in J. Jap. Bot.*, 62(12): 357 (1987); *Acanthopanax sciadophyloides* f. *albo-variegatus*.
 setchuenensis
 var. *latifoliatus* (Hoo) *H. Ohashi in J. Jap. Bot.*, 62(12): 359 (1987); *Acanthopanax setchuenensis* var. *latifoliatus*.
 simonii
 var. *longipedicellatus* (Hoo) *H. Ohashi in J. Jap. Bot.*, 62(12): 360 (1987); *Acanthopanax simonii* var. *longipedicellatus*.
 spinosus
 f. *inermis* (Makino) *H. Ohashi in J. Jap. Bot.*, 62(12): 357 (1987); *Acanthopanax spinosum* var. *inermis*.
 stenophyllus (Harms) *T. Nakai in J. Arnold Arbor.*, 5(1): 9 (1924); *Acanthopanax stenophyllus*.
 trichodon (Fr. & Sav.) *H. Ohashi in J. Jap. Bot.*, 62(12): 357 (1987); *Acanthopanax trichodon*.
 trifoliolatus
 var. *setosus* (Li) *H. Ohashi in J. Jap. Bot.*, 62(12): 360 (1987); *Acanthopanax trifoliolatus* var. *setosus*.
 verticillatus (Hoo) *H. Ohashi in J. Jap. Bot.*, 62(12): 360 (1987); *Acanthopanax verticillatus*.
 wilsonii (Harms) *T. Nakai in J. Arnold Arbor.*, 5(1): 9 (1924); *Acanthopanax wilsonii*.
 xizangensis (Y.R. Li) *H. Ohashi in J. Jap. Bot.*, 62(12): 360 (1987); *Acanthopanax xizangensis*.
 zhejiangensis (X.J. Xue & S.T. Fang) *H. Ohashi in J. Jap. Bot.*, 62(12): 360 (1987); *Acanthopanax zhejiangensis*.
- ELISANTHE** (Caryophyllac.).
 quadriloba (Turcz. ex Kar. & Kir.) *S.S. Ikonnikov in Novosti Sist. Vyssh. Rast.*, 25: 180 (1988); *Silene quadriloba*.
- ELLEANTHUS** (Orchidac.).
 cordidactylus *J.D. Ackerman in Lindleyana*, 2(2): 122 (1987)—Puerto Rico, Cuba, Hispaniola (Dominican Republic, Haiti), Jamaica.
 hirsutus *K. Barringer in Syst. Bot.*, 12(1): 162 (1987)—Peru.
 steyermarkii *K. Barringer in Syst. Bot.*, 12(1): 165 (1987)—Ecuador.
 teotepécensis *M.A. Soto Arenas in Orquidea (México)*, 10(1): 169 (1986)—Mexico.
- ELODEA** (Hypericac.).
 formosa *Ten., Cat. Ort. Bot. Nap.*: 93 (1845); cf. *D.J. Mabberley in Taxon*, 32(1): 84 (1983)—Locality not stated.
- ELOYELLA** (Orchidac.).
 panamensis (Dressler) *C.H. Dodson in Ic. Pl. Trop.*, Ser. 2, 5: t. 455 (1989); *Phymatidium panamense*.
- XYLYHORDEUM** (Gramin.).
 arachleicum *G.A. Peshkova in Fl. Sibir. (Poaceae)*, 2: 31 (1990)—U.S.S.R. (Siberia). (*Elymus sibiricus* × *Hordeum brevisubulatum*).
 macounii (Vasey) *M.E. Barkworth & D.R. Dewey in Great Basin Nat.*, 43(4): 570 (1983); *Elymus macounii*.
- XYLYEYMUS** (Gramin.).
 aristatus (Merrill) *M.E. Barkworth & D.R. Dewey in Great Basin Nat.*, 43(4): 570 (1983); *Elymus aristatus*.
- ELYMUS** (Gramin.).
 abolinii
 var. *pluriflorus* *D.F. Cui in Bull. Bot. Res. North-East. Forest. Inst.*, 10(3): 30 (1990)—Xinjiang.
 acutus (DC.) *M.-A. Thiébaud in Candollea*, 42(1): 340 (1987); *Triticum acutum*.
 alashanicus (Keng) *S.L. Chen in Bull. Nanjing Bot. Gard. Mem. Sun Yat Sen*, 1987: 8 (1987 publ. 1988); *Roegneria alashanica*.
 altaicus *D.F. Cui in Bull. Bot. Res. North-East. Forest. Inst.*, 10(3): 28 (1990)—Xinjiang.
 aristigulumis (Keng & S.L. Chen) *S.L. Chen in Bull. Nanjing Bot. Gard. Mem. Sun Yat Sen*, 1987: 9 (1987 publ. 1988); *Roegneria aristigulumis*.
 barbicallus (Ohwi) *S.L. Chen in Bull. Nanjing Bot. Gard. Mem. Sun Yat Sen*, 1987: 9 (1987 publ. 1988); *Agropyron barbicallum*.

- ELYMUS** :-
 chinensis (*Trinius*) *T. Koyama, Grasses of Japan & Neighbour. Regions*: 504 (1987), isonym; see *Keng in Sunyatsenia*, 6: 66 (1941): *Triticum chinense*.
 dahuricus
 subsp. cylindricus (*Franch.*) *N.R. Cui in Claves Pl. Xinjiang.*, 1: 178 (1982): *E. dahuricus* var. cylindricus.
 subsp. villosulus (*Ohwi*) *T. Koyama, Grasses of Japan & Neighbour. Regions*: 504 (1987), isonym; see *A. Löve in Feddes Repert.*, 95(7-8): 451 (1984): *E. villosulus*.
 dentatus
 var. elatus (*Hook. f.*) *G. Singh in J. Econ. Taxon. Bot.*, 8(2): 497 (1986): *Agropyron dentatum* var. elatum.
 var. kashmiricus (*Melderis*) *G. Singh in J. Econ. Taxon. Bot.*, 8(2): 497 (1986): *Agropyron dentatum* var. kashmiricus.
 var. scabrus (*Neovski*) *G. Singh in J. Econ. Taxon. Bot.*, 8(2): 497 (1986): *Agropyron dentatum* var. scabrum.
 foliosus (*Keng*) *S.L. Chen in Bull. Nanjing Bot. Gard. Mem. Sun Yat Sen*, 1987: 9 (1987 publ. 1988): *Roegneria foliosa*.
 geminatus (*Keng & S.L. Chen*) *S.L. Chen in Bull. Nanjing Bot. Gard. Mem. Sun Yat Sen*, 1987: 9 (1987 publ. 1988): *Roegneria geminata*.
 glaberrimus (*Keng & S.L. Chen*) *S.L. Chen in Bull. Nanjing Bot. Gard. Mem. Sun Yat Sen*, 1987: 9 (1987 publ. 1988): *Roegneria glaberrima*.
 var. breviaristatus *S.L. Chen ex D.F. Cui in Bull. Bot. Res. North-East. Forest. Inst.*, 10(3): 29 (1990)—Xinjiang.
 glaucescens *O. Seberg in Pl. Syst. Evol.*, 166(1-2): 99 (1989), nom. nov.: *Triticum pubiflorum Steudel*.
 gmelinii
 var. tenuisetus (*Ohwi*) *T. Osada, Illustr. Grasses of Japan*: 738 (1989), without basionym ref.; et in *J. Jap. Bot.*, 65(9): 266 (1990), with basionym ref.: *Agropyron turczaninowii* var. tenuisetum.
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 humilis (*Keng & S.L. Chen*) *S.L. Chen in Bull. Nanjing Bot. Gard. Mem. Sun Yat Sen*, 1987: 9 (1987 publ. 1988): *Roegneria humilis*.
 hybridus (*Keng*) *S.L. Chen in Bull. Nanjing Bot. Gard. Mem. Sun Yat Sen*, 1987: 9 (1987 publ. 1988): *Roegneria hybrida*.
 hyparcticus
 subsp. villosus (*V. Vassil.*) *V.N. Voroshilov in Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 95(2): 91 (1990): *Roegneria villosa*.
 intramongolicus (*S. Chen & Gaoqiuwa*) *S.L. Chen in Bull. Nanjing Bot. Gard. Mem. Sun Yat Sen*, 1987: 9 (1987 publ. 1988): *Roegneria intramongolica*.
 ircuitensis *G.A. Peshkova in Fl. Sibir. (Poaceae)*, 2: 23 (1990)—U.S.S.R. (Siberia).
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 var. intermedius *S.L. Chen & Y.X. Jin in Bull. Nanjing Bot. Gard. Mem. Sun Yat Sen*, 1987: 10 (1987 publ. 1988)—China.
 kaschgaricus *D.F. Cui in Bull. Bot. Res. North-East. Forest. Inst.*, 10(3): 27 (1990)—Xinjiang.
 lanceolatus
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 mayebaranus (*Honda*) *S.L. Chen in Bull. Nanjing Bot. Gard. Mem. Sun Yat Sen*, 1987: 9 (1987 publ. 1988): *Agropyron mayebaranum*.
 multiflorus
 var. kingianus (*Endl.*) *H.E. Connor in Kew Bull.*, 45(4): 680 (1990): *Triticum kingianum*.
 mutabilis
 var. nemoralis *S.L. Chen ex D.F. Cui in Bull. Bot. Res. North-East. Forest. Inst.*, 10(3): 29 (1990)—Xinjiang.
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 pulancusis (*H.L. Yang*) *S.L. Chen in Bull. Nanjing Bot. Gard. Mem. Sun Yat Sen*, 1987: 9 (1987 publ. 1988): *Roegneria pulancusis*.
 racemifer
 var. japonensis (*Honda*) *T. Osada, Illustr. Grasses of Japan*: 738 (1989): *Agropyron japonense*.
 repens
 var. aristatus (*Baumgarten*) *Melderis & D. McClintock in D. McClintock, Suppl. Wild Flow. Guernsey*: 48 (1987): *Agropyron repens* var. aristatum.
 scabrus
 var. plurinervis (*Vickery*) *B.K. Simon in Austrobaileya*, 2(3): 242 (1986): *Agropyron scabrum* var. plurinerve.
 semicostatus
 var. thomsonii (*Hook. f.*) *G. Singh in J. Econ. Taxon. Bot.*, 8(2): 498 (1986): *Agropyron semicostatum* var. thomsonii.
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 shandongensis *B. Salomon in Willdenowia*, 19(2): 449 (1990)—China.
 sinkiangensis *D.F. Cui in Bull. Bot. Res. North-East. Forest. Inst.*, 10(3): 26 (1990)—Xinjiang.
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 sylvaticus (*Keng & S.L. Chen*) *S.L. Chen in Bull. Nanjing Bot. Gard. Mem. Sun Yat Sen*, 1987: 9 (1987 publ. 1988): *Roegneria sylvatica*.
 transhyrcanus
 var. togarovii *A. Ataeva in Izv. Akad. Nauk Turkm. SSR, Biol. Nauk*, 1987(3): 54 (1987)—U.S.S.R. (Middle Asia).
 tschimganicus
 var. glabripiculus *D.F. Cui in Bull. Bot. Res. North-East. Forest. Inst.*, 10(3): 30 (1990)—Xinjiang.
 tsukushiensis
 var. transiens (*Hack.*) *T. Osada, Illustr. Grasses of Japan*: 738 (1989), without basionym ref.; et in *J. Jap. Bot.*, 65(9): 266 (1990), with basionym ref.: *Agropyron semicostatum* var. transiens.
 vaillantianus (*Wulf. & Schreb.*) *K.B. Jensen in Genome*, 32(4): 645 (1989): *Triticum vaillantianum*.
 versicolor *A.P. Khokhryakov in Biol. Rast. i Fl. Sev. Dal'n. Vostok. (ed. M.T. Mazurenko)*: 13 (1981)—U.S.S.R. (Soviet Far East).
 violaceus (*Hornem.*) *J. Feilberg in Medd. Grönland, Biosci.*, 15: 12 (1984): *Triticum violaceum*.
 viridulus (*Keng & S.L. Chen*) *S.L. Chen in Bull. Nanjing Bot. Gard. Mem. Sun Yat Sen*, 1987: 9 (1987 publ. 1988): *Roegneria viridula*.
 yezoensis (*Honda*) *T. Osada, Illustr. Grasses of Japan*: 738 (1989): *Agropyron yezoense*.
 var. koryoensis (*Honda*) *T. Osada, Illustr. Grasses of Japan*: 738 (1989), without basionym ref.: *Basionym* not stated.
- ELYTHRANTHERA** (Orchidac.).
 ×intermedia (*Fitzg.*) *M.A. Clements in Austral. Orchid Res.*, 1: 73 (1989): *Glossodia intermedia*.
- ELYTRARIA** (Acanthac.).
 mexicana *P.A. Fryxell & S.D. Koch in Aliso*, 11(4): 541 (1987)—Mexico.
- ELYTRIGIA** (Gramin.).
 subsect. *Elongatae* *O.N. Dubovik in Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 25 (1976 publ. 1977).
- ELYTRIGIA** :-
 ser. *Geniculatae* *O.N. Dubovik in Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 11 (1976 publ. 1977).
 ser. *Intermediae* *O.N. Dubovik in Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 8 (1976 publ. 1977).
 subsect. *Intermediae* *O.N. Dubovik in Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 24 (1976 publ. 1977).
 ×acuta
 nothosubsp. obtusiuscula (*Lange*) *M. Kerguelen in Lejeunia*, 120: 86 (1987): *Agropyron* × obtusiusculum.
 aegilopoides (*Drob.*) *N.R. Cui in Claves Pl. Xinjiang.*, 1: 163 (1982): *Agropyron aegilopoides*.
 araucana (*L. Parodi*) *Covas ex J.H. Hunziker & C.C. Xifreda in Darwiniana*, 27(1-4): 561 (1986): *Agropyron attenuatum* var. araucanum.
 attenuata (*Kunth*) *Covas ex J.H. Hunziker & C.C. Xifreda in Darwiniana*, 27(1-4): 562 (1986): *Triticum attenuatum*.
 bessarabica (*Sävil. & Rayss*) *O.N. Dubovik in Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 10 (1976 publ. 1977): *Agropyron bessarabicum*.
 breviaristata (*A. Hitchc.*) *Covas ex J.H. Hunziker & C.C. Xifreda in Darwiniana*, 27(1-4): 562 (1986): *Agropyron breviaristatum*.
 fuegiana (*Speg.*) *Covas ex J.H. Hunziker & C.C. Xifreda in Darwiniana*, 27(1-4): 562 (1986): *Triticum fuegianum*.
 intermedia
 var. kugitangi *A. Ataeva in Izv. Akad. Nauk Turkm. SSR, Biol. Nauk*, 1987(3): 54 (1987)—U.S.S.R. (Middle Asia).
 subsp. latronum (*Godron*) *M. Kerguelen in Lejeunia*, 120: 87 (1987): *Triticum latronum*.
 kotovii *O.N. Dubovik in Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 14 (1976 publ. 1977)—U.S.S.R. (Crimea).
 ×laxa (*Fries*) *M. Kerguelen in Lejeunia*, 120: 88 (1987): *Triticum* × laxum.
 levadica *V.B. Kuvaev in Novosti Sist. Vyssh. Rast.*, 24: 20 (1987)—U.S.S.R. (Caucasus).
 mendocina (*L. Parodi*) *Covas ex J.H. Hunziker & C.C. Xifreda in Darwiniana*, 27(1-4): 562 (1986): *Agropyron mendocinum*.
 ninae *O.N. Dubovik in Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 12 (1976 publ. 1977)—U.S.S.R. (Crimea).
 patagonica (*Speg.*) *Covas ex J.H. Hunziker & C.C. Xifreda in Darwiniana*, 27(1-4): 562 (1986): *Triticum fuegianum* var. patagonicum.
 prokudinii *Druleva ex O.N. Dubovik in Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 11 (1976 publ. 1977), nom. nov.: *Agropyron ruthenicum Prokudin*.
 pulcherrima
 var. glabra *A. Ataeva in Izv. Akad. Nauk Turkm. SSR, Biol. Nauk*, 1987(3): 54 (1987)—U.S.S.R. (Middle Asia).
 repens
 subsp. lolioides (*Kar. & Kir.*) *Á. Löve in Taxon*, 35(1): 198 (1986): *Triticum lolioides*.
 subsp. longearistata *N.R. Cui in Claves Pl. Xinjiang.*, 1: 166 (1982), without latin descr.—Xinjiang.
 sartorii (*Boiss. & Heldr.*) *J. Holub in Folia Geobot. Phytotax.*, 23(4): 413 (1988): *Agropyron junceum* var. sartorii.
 scabrifolia (*Doell*) *Covas ex J.H. Hunziker & C.C. Xifreda in Darwiniana*, 27(1-4): 562 (1986): *Triticum repens* var. scabrifolium.
 scabriglumis (*Hackel*) *Covas ex J.H. Hunziker & C.C. Xifreda in Darwiniana*, 27(1-4): 563 (1986): *Agropyron repens* var. scabriglume.
 tilcarensis (*J.H. Hunz.*) *Covas ex J.H. Hunziker & C.C. Xifreda in Darwiniana*, 27(1-4): 563 (1986): *Agropyron tilcarensis*.
 trichophora
 var. glabra *A. Ataeva in Izv. Akad. Nauk Turkm. SSR, Biol. Nauk*, 1987(3): 54 (1987)—U.S.S.R. (Middle Asia).
- EMBELIA** (Myrsinac.).
 basaal
 subsp. ferruginea (*Wall. ex DC.*) *G. Panigrahi & S.K. Murti, Fl. Bilaspur District*, 1: 340 (1989): *E. ferruginea*.

EMBELIA :-

- brassii *H. Sleumer in Blumea*, 32(2): 390 (1987)—New Guinea (Papua New Guinea).
 kuborensis *H. Sleumer in Blumea*, 32(2): 392 (1987)—New Guinea (Papua New Guinea).
 legnophylla *B.C. Stone in Proc. Acad. Nat. Sci. Philadelphia*, 141: 307 (1989)—Borneo (Sabah).
var. stenophylla *B.C. Stone in Proc. Acad. Nat. Sci. Philadelphia*, 141: 308 (1989)—Borneo (Sabah).
 ottoniana *H. Sleumer in Blumea*, 32(2): 389 (1987)—New Guinea (Papua New Guinea).
 pullenii *H. Sleumer in Blumea*, 32(2): 392 (1987)—New Guinea (Papua New Guinea).
 tsjeriam-cottam
var. ferruginea (*Wall. ex Cl.*) *K. Haridasan & R.R. Rao, Forest Fl. Meghalaya*, 2: 559 (1987); *E. robusta* *var. ferruginea*.

EMBLEMANTHA *B.C. Stone in Proc. Acad. Nat. Sci. Philadelphia*, 140(2): 275 (1988).
MYRSINACEAE.

- urnulata *B.C. Stone in Proc. Acad. Nat. Sci. Philadelphia*, 140(2): 276 (1988)—Sumatra.

EMILIA (Compos.).

- sect. *Spathulatae* (*Muschl.*) *C. Jeffrey in Kew Bull.*, 41(4): 911 (1986); *Senecio* sect. *Spathulati*.
 abyssinica (*Sch. Bip. ex A. Rich.*) *C. Jeffrey in Kew Bull.*, 41(4): 911 (1986); *Senecio* abyssinicus.
var. macroglossa *C. Jeffrey in Kew Bull.*, 41(4): 911 (1986)—Tanzania.
 ambifaria (*S. Moore*) *C. Jeffrey in Kew Bull.*, 41(4): 919 (1986); *Othonna* ambifaria.
 aurita *C. Jeffrey in Kew Bull.*, 41(4): 915 (1986)—Tanzania.
 baberka (*Hutch.*) *C. Jeffrey in Kew Bull.*, 41(4): 918 (1986); *Senecio* baberka.
 bellioides (*Chiov.*) *C. Jeffrey in Kew Bull.*, 41(4): 913 (1986); *Senecio* bellioides.
 brachycephala (*R.E. Fr.*) *C. Jeffrey in Kew Bull.*, 41(4): 918 (1986); *Senecio* brachycephalus.
 cenioides *C. Jeffrey in Kew Bull.*, 41(4): 914 (1986)—Tanzania.
 coloniaria (*S. Moore*) *C. Jeffrey in Kew Bull.*, 41(4): 918 (1986); *Senecio* coloniarius.
 crispata *C. Jeffrey in Kew Bull.*, 41(4): 916 (1986)—Tanzania.
 cryptantha *C. Jeffrey in Kew Bull.*, 41(4): 915 (1986)—Tanzania, Uganda.
 decipiens *C. Jeffrey in Kew Bull.*, 41(4): 917 (1986)—Tanzania, Mozambique, Malawi.
 discifolia (*Oliv.*) *C. Jeffrey in Kew Bull.*, 41(4): 912 (1986); *Senecio* discifolius.
 emilioides (*Sch. Bip.*) *C. Jeffrey in Kew Bull.*, 41(4): 918 (1986); *Senecio* emilioides.
 fallax (*Mattf.*) *C. Jeffrey in Kew Bull.*, 41(4): 918 (1986); *Senecio* fallax.
 flaccida *C. Jeffrey in Kew Bull.*, 41(4): 916 (1986)—Tanzania.
 fugax *C. Jeffrey in Kew Bull.*, 41(4): 916 (1986)—Tanzania, Zambia.
 gossweileri (*S. Moore*) *C. Jeffrey in Kew Bull.*, 41(4): 918 (1986); *Crassocephalum* gossweileri.
 helianthella *C. Jeffrey in Kew Bull.*, 41(4): 911 (1986)—Tanzania.
 hiernii *C. Jeffrey in Kew Bull.*, 41(4): 918 (1986), *nom. nov.*: *Othonna gracilis* *Hiern*.
 hockii (*De Wild. & Muschl.*) *C. Jeffrey in Kew Bull.*, 41(4): 912 (1986); *Senecio* hockii.
 homblei (*De Wild.*) *C. Jeffrey in Kew Bull.*, 41(4): 918 (1986); *Senecio* homblei.
 irregularibracteata (*De Wild.*) *C. Jeffrey in Kew Bull.*, 41(4): 918 (1986); *Senecio* irregularibracteatus.
 juncea
var. iringensis *C. Jeffrey in Kew Bull.*, 41(4): 914 (1986)—Tanzania.
 khaopawtaensis *H. Koyama in Acta Phytotax. Geobot.*, 37(4-6): 114 (1986)—Thailand, Malaya.
 kilwensis *C. Jeffrey in Kew Bull.*, 41(4): 916 (1986)—Tanzania.
 kivuensis (*Muschl.*) *C. Jeffrey in Kew Bull.*, 41(4): 913 (1986); *Senecio* kivuensis.
 leptocephala (*Mattf.*) *C. Jeffrey in Kew Bull.*, 41(4): 919 (1986); *Senecio* leptocephalus.
 leucantha *C. Jeffrey in Kew Bull.*, 41(4): 914 (1986)—Tanzania, Zambia.
 limosa (*O. Hoffm.*) *C. Jeffrey in Kew Bull.*, 41(4): 917 (1986); *Senecio* limosus.

EMILIA :-

- longifolia *C. Jeffrey in Kew Bull.*, 41(4): 915 (1986)—Uganda, Tanzania.
 longipes *C. Jeffrey in Kew Bull.*, 41(4): 915 (1986)—Tanzania.
 longiramea (*S. Moore*) *C. Jeffrey in Kew Bull.*, 41(4): 919 (1986); *Crassocephalum* longirameum.
 lopollensis (*Hiern*) *C. Jeffrey in Kew Bull.*, 41(4): 919 (1986); *Senecio* lopollensis.
 marlothiana (*O. Hoffm.*) *C. Jeffrey in Kew Bull.*, 41(4): 919 (1986); *Senecio* marlothianus.
 micrura *C. Jeffrey in Kew Bull.*, 41(4): 916 (1986)—Tanzania.
 myriocephala *C. Jeffrey in Kew Bull.*, 41(4): 917 (1986)—Tanzania.
 newtonii (*O. Hoffm.*) *C. Jeffrey in Kew Bull.*, 41(4): 919 (1986); *Oligothrix* newtonii.
 pammicrocephala (*S. Moore*) *C. Jeffrey in Kew Bull.*, 41(4): 917 (1986); *Senecio* pammicrocephalus.
 pseudactis *C. Jeffrey in Kew Bull.*, 41(4): 919 (1986), *nom. nov.*: *Pseudactis emilioides* *S. Moore*.
 rigida *C. Jeffrey in Kew Bull.*, 41(4): 916 (1986)—Tanzania.
 simulans *C. Jeffrey in Kew Bull.*, 41(4): 916 (1986)—Tanzania.
 somalensis (*S. Moore*) *C. Jeffrey in Kew Bull.*, 41(4): 912 (1986); *Euryops* somalensis.
 tenellula (*S. Moore*) *C. Jeffrey in Kew Bull.*, 41(4): 919 (1986); *Senecio* tenellulus.
 tenera (*O. Hoffm.*) *C. Jeffrey in Kew Bull.*, 41(4): 917 (1986); *Senecio* tenera.
 tenuipes *C. Jeffrey in Kew Bull.*, 41(4): 914 (1986)—Tanzania.
 tenuis *C. Jeffrey in Kew Bull.*, 41(4): 915 (1986)—Tanzania.
 tessmannii (*Mattf.*) *C. Jeffrey in Kew Bull.*, 41(4): 918 (1986); *Senecio* tessmannii.
 transvaalensis (*Bolus*) *C. Jeffrey in Kew Bull.*, 41(4): 919 (1986); *Senecio* transvaalensis.
 tricholepis *C. Jeffrey in Kew Bull.*, 41(4): 912 (1986)—Kenya.
 ukambensis (*O. Hoffm.*) *C. Jeffrey in Kew Bull.*, 41(4): 912 (1986); *Senecio* ukambensis.
 ukingensis (*O. Hoffm.*) *C. Jeffrey in Kew Bull.*, 41(4): 915 (1986); *Senecio* ukingensis.
 xyridopsis (*O. Hoffm.*) *C. Jeffrey in Kew Bull.*, 41(4): 919 (1986); *Oligothrix* xyridopsis.

EMILIELLA (Compos.).

- epapposa *S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 59(3-4): 474 (1989)—Zaire.

EMINIUM (Arac.).

- spiculatum
subsp. negevensis *J. Koach & N. Feinbrun-Dothan in N. Feinbrun-Dothan, Fl. Palaestina*, 4: 397, 336 (1986)—Israel, Sinai Peninsula.

EMPETRUM (Empetrac.).

- scoticum *hort. in Hort. Soc. Lond., Cat. Fr.*: 46 (1826); *cf. D.J. Mabberley in Taxon*, 33(3): 442 (1984)—Locality not stated.

ENCELIA (Compos.).

- canescens *Lamarck, Encycl.*, 2: 356 (1786)—Peru.
 densifolia *C. Clark & D.W. Kyhos in Madroño*, 35(1): 10 (1988)—Mexico.
 virginensis
var. actonii (*Elmer*) *B.L. Turner in Phytologia*, 68(3): 167 (1990); *E. actonii*.

ENCEPHALARTOS (Zamiac.).

- aemulans *P. Vorster in S. Afr. J. Bot.*, 56(2): 239 (1990)—South Africa (Natal).
 dolomiticus *J.J. Lavranos & D.L. Goode in Bull. Jard. Bot. Nation. Belg.*, 58(1-2): 220 (1988)—South Africa (Transvaal).
 dyerianus *J.J. Lavranos & D.L. Goode in Bull. Jard. Bot. Nation. Belg.*, 58(1-2): 221 (1988)—South Africa (Transvaal).
 eugene-maraisii
subsp. middelburgensis *J.J. Lavranos & D.L. Goode in Bull. Jard. Bot. Nation. Belg.*, 58(1-2): 223 (1988)—South Africa (Transvaal).
 graniticola *P. Vorster, P.J. Robbertse & S. van der Westhuizen in S. Afr. J. Bot.*, 54(4): 363 (1988), as 'graniticulus'—South Africa (Transvaal).

ENCEPHALARTOS :-

- ituriensis *P. Bamps & S. Lisowski in Mem. New York Bot. Gard.*, 57: 152 (1990)—Zaire.
 kisambo *R.B. Faden & H.J. Beentje in Utafiti*, 2(1): 7 (1989)—Kenya.
 middelburgensis *P. Vorster, P.J. Robbertse & S. van der Westhuizen in S. Afr. J. Bot.*, 55(1): 122 (1989)—South Africa (Transvaal).
 regalis *Bull. Cat.* 1889: 4 (tab.), 8 (1889); *cf. D.J. Mabberley in Taxon*, 34(3): 456 (1985)—Locality not stated.
 sclavoi *P. De Luca, D.W. Stevenson & A. Moretti in Delpinoa*, 29-30: 3 (1987-1988 publ. 1989); *et in Mem. New York Bot. Gard.*, 57: 156 (1990)—Tanzania.
 tumeri *J.J. Lavranos & D. Goode in Garcia de Orta, Ser. Bot.*, 7(1-2): 11 (1985 publ. 1988)—Mozambique.
 verrucosus *P. Vorster, P.J. Robbertse & S. van der Westhuizen in S. Afr. J. Bot.*, 54(5): 487 (1988)—South Africa (Transvaal).
 voiensis *A. Moretti, D.W. Stevenson & J.P. Sclavo in Ann. Missouri Bot. Gard.*, 76(3): 935 (1989)—Kenya.

ENCEHEIRIDION (Orchidac.).

- sanfordii (*Jonsson*) *K. Senghas in Schlechter Orchideen*, 1(16-18): 1066 (1986); *Microcoelia* sanfordii.

ENCHOLIRIUM (Bromeliac.).

- carmineoviridiflorum *W. Rauh in Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 60: 9 (1987), as 'carmineoviridiflorum'—Brazil.
 inerme *W. Rauh in Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 60: 11 (1987)—Brazil.
 pedicellatum (*Mez*) *W. Rauh in Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 60: 15 (1987); *Dyckia* pedicellata.
 sazimae *W. Rauh in Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 60: 99 (1987)—Brazil.
 scrutator (*L.B. Smith*) *W. Rauh in Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 60: 94 (1987); *Dyckia* scrutator.
 suzannae *W. Rauh in Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 65: 19 (1988)—Brazil.
 vogelii *W. Rauh in Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 60: 95 (1987)—Brazil.

ENCYCLIA (Orchidac.).

- alboxanthina *J.A. Fowlie in Orchid Dig.*, 54(1): 27 (1990)—Brazil.
 arminii (*Rchb. f.*) *G. Carnevali F.C. & I. Ramirez in Ernstia*, 36: 9 (1986); *Epidendrum* arminii.
 brachychlila (*Lindl.*) *G. Carnevali F.C. & I. Ramirez in Ernstia*, 36: 9 (1986); *Epidendrum* brachychlila.
 bradfordii (*Griseb.*) *G. Carnevali F.C. & I. Ramirez in Ernstia*, 36: 9 (1986); *Epidendrum* bradfordii.
 dickensoniana (*Withner*) *F. Hamer in Ic. Pl. Trop.*, 13 (Orch. Nicaragua, pt. 6): t. 1215 (1985); *Epidendrum* dickensonianum.
 favoris (*Reichenbach f.*) *M.A. Soto Arenas in Orquidea (Mexico)*, 11: 270 (1986); *Epidendrum* favoris.
 fowliei *D.I. Duveen in Orchid Dig.*, 54(1): 39 (1990)—Brazil.
 garciana (*Garay & Dunst.*) *G. Carnevali F.C. & I. Ramirez in Ernstia*, 36: 9 (1986); *Epidendrum* garcianum.
 isochila (*Rchb. f.*) *D.D. Dod in Moscosoa*, 4: 193 (1986); *Epidendrum* isochila.
var. tridens (*Rchb. f.*) *D.D. Dod in Moscosoa*, 4: 193 (1986); *Epidendrum* isochilum *var. tridens*.
 kraenzlinii (*Bello*) *J.D. Ackerman in Lindleyana*, 2(2): 123 (1987); *Epidendrum* kraenzlinii.
 lindenii (*Lindl.*) *G. Carnevali F.C. & I. Ramirez in Ernstia*, 36: 9 (1986); *Epidendrum* lindenii.
 osmantha (*Barb. Rodr.*) *Cogn. ex J.A. Fowlie in Orchid Dig.*, 53(3): 108 (1989), *isonym*; *see Schlechter, Orchideen*, 210 (1914); *Epidendrum* osmanthum.
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 mairei
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 subsp. *neglecta* H. Scholz in *Willdenowia*, 18(1): 219 (1988)—Sudan, Niger, Pakistan.
 subsp. *subspontanea* H. Scholz in *Willdenowia*, 18(1): 218 (1988)—Ethiopia.
 quinquenervis B.S. Sun & S. Wang in *Acta Bot. Yunnanica*, 11(3): 303 (1989)—China.
 riobrancensis E.J. Judziewicz & P.M. Peterson in *Brittonia*, 42(1): 47 (1990)—Guyana, Brazil.
 rubida B.S. Sun & S. Wang in *Acta Bot. Yunnanica*, 11(3): 304 (1989)—China.
 schweinfurthii
 var. *kiwuensis* (Jedw.) S.M. Phillips in *Kew Bull.*, 42(4): 930 (1987): E. *kiwuensis*.

ERANTHEMUM (Acanthac.).

- velutinum Bull. *Cat.*, 225: 8 (1886); cf. D.J. Mabberley in *Taxon*, 34(3): 456 (1985)—Locality not stated.

ERANTHIS (Ranunculac.).

- sect. *Shibateranthis* (Nakai) M. Tamura in *Acta Phytotax. Geobot.*, 38: 96 (1987): gen. *Shibateranthis*.

EREMANTHUS (Compos.).

- subgen. *Isotrichia* (DC.) N.F.F. MacLeish in *Ann. Missouri Bot. Gard.*, 74(2): 277 (1987): *Albertinia* sect. *Isotrichia*.
 sect. *Nectaridium* (Schultz-Bip.) N.F.F. MacLeish in *Ann. Missouri Bot. Gard.*, 74(2): 281 (1987): *Vanillosmopsis* subgen. *Nectaridium*.
 sect. *Synglomerulus* N.F.F. MacLeish in *Ann. Missouri Bot. Gard.*, 74(2): 275 (1987).
 subgen. *Vanillosmopsis* (Schultz-Bip.) N.F.F. MacLeish in *Ann. Missouri Bot. Gard.*, 74(2): 280 (1987): gen. *Vanillosmopsis*.
 sect. *Vanillosmopsis* (Schultz-Bip.) N.F.F. MacLeish in *Ann. Missouri Bot. Gard.*, 74(2): 283 (1987), suggested *basionym* contrary to Art. 21.3 ICBN (1983): Without generic *basionym*.
 arboreus (Gardner) N.F.F. MacLeish in *Ann. Missouri Bot. Gard.*, 74(2): 286 (1987): *Albertinia* arborea.
 brasiliensis (Gardner) N.F.F. MacLeish in *Ann. Missouri Bot. Gard.*, 74(2): 282 (1987): *Monosis brasiliensis*.
 capitatus (Sprengel) N.F.F. MacLeish in *Ann. Missouri Bot. Gard.*, 74(2): 285 (1987): *Conyza capitata*.
 erythropappus (DC.) N.F.F. MacLeish in *Ann. Missouri Bot. Gard.*, 74(2): 284 (1987): *Albertinia erythropappus*.
 pohlii (Baker) N.F.F. MacLeish in *Ann. Missouri Bot. Gard.*, 74(2): 281 (1987): *Vanillosmopsis pohlii*.
 polycephalus (DC.) N.F.F. MacLeish in *Ann. Missouri Bot. Gard.*, 74(2): 283 (1987): *Albertinia polycephala*.

EREMOCAULON T.R. Soderstrom & X. Londoño in Amer. J. Bot., 74(1): 37 (1987). GRAMINEAE. aureofimbriatum T.R. Soderstrom & X. Londoño in Amer. J. Bot., 74(1): 37 (1987)—Brazil.

EREMODRABA (Crucif.). schulzii I.A. Al-Shehbaz in Ann. Missouri Bot. Gard., 77(3): 602 (1990)—Peru.

EREMOPHILA (Myoporac.). compressa R.J. Chinnock in Nuytsia, 5(3): 391 (1986)—Australia (W. Australia). deserti (Cunn. ex Benth.) R.J. Chinnock in Fl. S. Australia, 3: 1338 (1986): Myoporum deserti. lactea R.J. Chinnock in Nuytsia, 5(3): 393 (1986)—Australia (W. Australia). nivea R.J. Chinnock in Nuytsia, 5(3): 395 (1986)—Australia (W. Australia). verticillata R.J. Chinnock in Nuytsia, 5(3): 396 (1986)—Australia (W. Australia).

EREMOSTACHYS (Labiata.). aralensis A. Bunge, Beitr. Fl. Russl.: 266 (1852)—U.S.S.R. (Middle Asia).† baburii T. Adžlov in Dokl. Akad. Nauk Uzb. SSR, 1984(9): 47 (1984)—U.S.S.R. (Middle Asia). lanata Z. Jamzad in Iranian J. Bot., 3(2): 112 (1987)—Iran. transoxana A. Bunge, Beitr. Fl. Russl.: 265 (1852)—U.S.S.R. (Middle Asia).†

EREPSIA (Aizoac.). sect. Crassifoliae S. Liede in Beitr. Biol. Pfl., 64(3): 466 (1989 publ. 1990), without type. sect. Intectatae S. Liede in Beitr. Biol. Pfl., 64(3): 448 (1989 publ. 1990), without type. sect. Tectatae S. Liede in Beitr. Biol. Pfl., 64(3): 452 (1989 publ. 1990), without type. babiloniae S. Liede in Beitr. Biol. Pfl., 64(3): 467 (1989 publ. 1990)—South Africa (Cape Province). dubia S. Liede in Beitr. Biol. Pfl., 64(3): 449 (1989 publ. 1990)—South Africa (Cape Province). lacera (Haw.) S. Liede in Beitr. Biol. Pfl., 64(3): 470 (1989 publ. 1990): Mesembryanthemum lacerum. pillansii (Kensit) S. Liede in Beitr. Biol. Pfl., 64(3): 471 (1989 publ. 1990): Mesembryanthemum pillansii.

ERIA (Orchidac.). bidupensis (Gagnep.) Seidenf. ex L.V. Aver'yanov in Bot. Zhurn., 73(3): 432 (1988): Dendrobium bidupense. bilobulata subsp. meghasaniensis S. Misra in J. Orchid Soc. India, 2(1-2): 49 (1988)—India. bogoriensis var. kurokawai T. Hashimoto in Ann. Tsukuba Bot. Gard., 7: 165 (1988)—New Guinea (Papua New Guinea). caricifolia J.J. Wood in Lindleyana, 5(2): 93 (1990)—Borneo (Sarawak). var. glabra J.J. Wood in Lindleyana, 5(2): 95 (1990)—Borneo (Sabah). carunculosa (Gagnep.) Seidenf. ex L.V. Aver'yanov in Bot. Zhurn., 73(3): 432 (1988): Dendrobium carunculosum. chandrasekharanii (Bhargavan & Mohanan) C. Sathish Kumar & K.S. Manil in Taxon, 35(4): 720 (1986): Porpax chandrasekharanii. cymbidifolia var. pandanifolia J.J. Wood in Lindleyana, 5(2): 95 (1990)—Borneo (Sarawak, Sabah). foetida L.V. Aver'yanov in Bot. Zhurn., 73(1): 100 (1988)—Vietnam. glandulifera N.C. Deori & S.J. Phukan in J. Orchid Soc. India, 2(1-2): 55 (1988)—India. gracilicaulis S.C. Chen & Z.H. Tsi in Bull. Bot. Res. North-East. Forest. Inst., 8(1): 8 (1988)—Xizang. lanuginosa J.J. Wood in Lindleyana, 5(2): 95 (1990)—Borneo (Sabah). lohitenis A. Nageswara Rao, K. Haridasan & S.N. Hedge in J. Bombay Nat. Hist. Soc., 86(2): 229 (1989)—India. longlingensis S.C. Chen in Acta Phytotax. Sin., 26(3): 238 (1988)—China. medogensis S.C. Chen & Z.H. Tsi in Acta Phytotax. Sin., 25(5): 329 (1987)—Xizang.

ERIA :- meghasaniensis (S. Misra) S. Misra in J. Orchid Soc. India, 3(1-2): 69 (1989): E. bilobulata subsp. meghasaniensis. muscicola var. ponmudiana M. Mohanan & A.N. Henry in J. Econ. Taxon. Bot., 8(2): 425 (1986)—India. obscura L.V. Aver'yanov in Bot. Zhurn., 73(1): 101 (1988)—Vietnam. pseudocymbiformis var. hirsuta J.J. Wood in Lindleyana, 5(2): 97 (1990)—Borneo (Sabah). spirodela L.V. Aver'yanov in Bot. Zhurn., 73(1): 101 (1988)—Vietnam. yanshanensis S.C. Chen in Acta Phytotax. Sin., 26(3): 239 (1988)—China.

ERIANTHUS (Gramin.). ecklonii Nees in Nees & Schauer, Ind. Sem. Hort. Bot. Vratislav., 1835; Ann. Sci. Nat. II, 6: 103 (1836); cf. D.J. Mabberley in Taxon, 33(3): 442 (1984)—Locality not stated.

ERICA (Ericac.). altiphila E.G.H. Oliver in S. Afr. J. Bot., 53(6): 456 (1987), nom. nov.: Philippia alticola E.G.H. Oliver. amicorum E.G.H. Oliver in Bothalia, 20(1): 41 (1990)—South Africa (Cape Province). cunoniensis E.G.H. Oliver in Bothalia, 20(1): 43 (1990)—South Africa (Cape Province). declinata Hort. Herrenh. ex Hornem., Hort. Hafn., Suppl.: 44 (1819); cf. D.J. Mabberley in Taxon, 33(3): 437 (1984)—Locality not stated. dracomontana E.G.H. Oliver in S. Afr. J. Bot., 53(6): 456 (1987), nom. nov.: Philippia drakensbergensis E.G.H. Oliver. elsieana (E.G.H. Oliver) E.G.H. Oliver in S. Afr. J. Bot., 53(6): 456 (1987): Philippia elsieana. esteriana E.G.H. Oliver in S. Afr. J. Bot., 53(6): 456 (1987), nom. nov.: Philippia esterhuyseniae E.G.H. Oliver. subsp. swartbergensis (E.G.H. Oliver) E.G.H. Oliver in S. Afr. J. Bot., 53(6): 456 (1987): Philippia esterhuyseniae subsp. swartbergensis. evansii (N.E. Br.) E.G.H. Oliver in S. Afr. J. Bot., 53(6): 456 (1987): Philippia evansii. exleana E.G.H. Oliver in S. Afr. J. Bot., 53(6): 456 (1987), nom. nov.: Philippia leana Klotzsch. mackaiana subsp. andevalensis (Cabezudo & Rivera) D. McClintock & E.C. Nelson in Bot. J. Linn. Soc., 101(3): 282 (1989): E. andevalensis. madida E.G.H. Oliver in S. Afr. J. Bot., 53(6): 456 (1987), nom. nov.: Philippia irrorata E.G.H. Oliver. manipuliflora f. albiflora D. McClintock in Heather Soc. Year Book, 3(6): 44 (1988)—Turkey. notholeana (E.G.H. Oliver) E.G.H. Oliver in S. Afr. J. Bot., 53(6): 457 (1987): Philippia notholeana. petricola E.G.H. Oliver in S. Afr. J. Bot., 53(6): 457 (1987), nom. nov.: Philippia petrophila E.G.H. Oliver. procaviana (E.G.H. Oliver) E.G.H. Oliver in S. Afr. J. Bot., 53(6): 457 (1987): Philippia procaviana. rivularis L.E. Davidson in S. Afr. J. Bot., 55(5): 473 (1989)—South Africa (Transvaal).

scoparia subsp. madericola D. McClintock in Heather Soc. Year Book, 3(7): 35 (1989)—Madeira. simii (S. Moore) E.G.H. Oliver in S. Afr. J. Bot., 53(6): 457 (1987): Philippia simii. tegetiformis E.G.H. Oliver in Bothalia, 20(1): 46 (1990), nom. nov., without full replaced synonym ref.: E. senilis var. australis Dulfer. vagans f. viridula D. McClintock in Heather Soc. Year Book, 3(7): 54 (1989)—Cultivation. woodii subsp. platyura O.M. Hilliard & B.L. Burt in Notes Roy. Bot. Gard. Edinburgh, 43(2): 199 (1986)—South Africa (Natal).

ERICAMERIA (Compos.). sect. Asiris (H.M. Hall) G.L. Nesom in Phytologia, 68(2): 152 (1990): Haplopappus sect. Asiris. sect. Macronema (Nutt.) G.L. Nesom in Phytologia, 68(2): 152 (1990): gen. Macronema.

ERICAMERIA :- compacta (H.M. Hall) G.L. Nesom in Phytologia, 68(2): 152 (1990): Haplopappus bloomeri subsp. compactus. cooperi var. bajacalifornica (Urbatsch & Wussow) L.E. Urbatsch in Phytologia, 67(2): 109 (1989): E. cooperi subsp. bajacalifornica. crispa (L.C. Anderson) G.L. Nesom in Phytologia, 68(2): 152 (1990): Haplopappus crispus. discoidea (Nutt.) G.L. Nesom in Phytologia, 68(2): 153 (1990): Macronema discoidea. var. linearis (Rydb.) G.L. Nesom in Phytologia, 68(2): 153 (1990): Macronema linearis. gilmanii (S.F. Blake) G.L. Nesom in Phytologia, 68(2): 153 (1990): Haplopappus gilmanii. greenei (A. Gray) G.L. Nesom in Phytologia, 68(2): 153 (1990): Haplopappus greenei. juarezensis (Moran) L.E. Urbatsch in Phytologia, 67(2): 109 (1989): Haplopappus juarezensis. obovata (Rydb.) G.L. Nesom in Phytologia, 68(2): 152 (1990): Macronema obovatum. ophitidis (J.T. Howell) G.L. Nesom in Phytologia, 68(2): 153 (1990): Haplopappus bloomeri var. ophitidis. palmeri var. pachylepis (H.M. Hall) G.L. Nesom in Phytologia, 67(1): 104 (1989): Haplopappus palmeri subsp. pachylepis. parishii var. peninsularis (R. Moran) G.L. Nesom in Phytologia, 67(1): 104 (1989): Haplopappus arborescens subsp. peninsularis. suffruticosa (Nutt.) G.L. Nesom in Phytologia, 68(1): 153 (1990): Macronema suffruticosa. watsonii (A. Gray) G.L. Nesom in Phytologia, 68(2): 152 (1990): Haplopappus watsonii. zionis (L.C. Anderson) G.L. Nesom in Phytologia, 68(2): 153 (1990): Haplopappus zionis.

ERICINELLA (Ericac.). hillburtii E.G.H. Oliver in Bothalia, 16(1): 46 (1986)—South Africa (Cape Province).

ERIGERON (Compos.). sect. Arenarioides (Rydb.) G.L. Nesom in Phytologia, 67(1): 70 (1989): E. (sp.-group) Arenarioides. sect. Cinnactis G.L. Nesom in Phytologia, 67(1): 73 (1989). sect. Imbarba G.L. Nesom in Phytologia, 67(1): 78 (1989). sect. Karvinskia G.L. Nesom in Phytologia, 67(1): 79 (1989). sect. Linearifolii (G. Don) G.L. Nesom in Phytologia, 67(1): 79 (1989): Aster sect. Linearifolii. sect. Osteocaulis G.L. Nesom in Phytologia, 67(1): 82 (1989). sect. Polyactis (Less.) G.L. Nesom in Phytologia, 66(5): 416 (1989): gen. Polyactis. sect. Scopulincola G.L. Nesom in Phytologia, 67(1): 84 (1989). sect. Spathifolium G.L. Nesom in Phytologia, 67(1): 84 (1989). sect. Spinosi (Alexander) G.L. Nesom & Sundberg in Phytologia, 67(1): 85 (1989): Aster (sp.-group) Spinosi. acomanus R. Spellenberg & P. Knight in Madroño, 36(2): 115 (1989)—U.S.A. (New Mexico). anchana G.L. Nesom in Phytologia, 69(3): 231 (1990)—U.S.A. (Arizona). annuactis G.L. Nesom in Phytologia, 66(5): 422 (1989)—Mexico. awapensis S.L. Welsh in Great Basin Nat., 43(2): 365 (1983)—U.S.A. (Utah). basaseachensis G.L. Nesom in Phytologia, 66(5): 426 (1989)—Mexico. bellidiastrum var. arenarius (E. Greene) G.L. Nesom in Phytologia, 69(3): 164 (1990): E. arenarius. campanensis H. Valdebenito, T.K. Lowrey & T.F. Stuessy in Brittonia, 38(1): 1 (1986)—Chile. canaani S.L. Welsh in Great Basin Nat., 43(2): 366 (1983)—U.S.A. (Utah). carringtoniae S.L. Welsh in Great Basin Nat., 43(2): 366 (1983), as 'carringtonae'—U.S.A. (Utah). cauliniifolius G.L. Nesom in Phytologia, 66(5): 428 (1989)—Mexico.

ERIGERON :-

- cavernensis S.L. Welsh & N.D. Atwood in *Great Basin Nat.*, 48(4): 495 (1988)—U.S.A. (Nevada).
 cieloensis G.L. Nesom in *Phytologia*, 67(6): 457 (1989)—Mexico.
 circulis G.L. Nesom in *Phytologia*, 66(5): 430 (1989)—Mexico.
 coroniglandifer G.L. Nesom in *Phytologia*, 66(5): 432 (1989)—Mexico.
 dactyloides (Greenm.) G.L. Nesom in *Phytologia*, 66(5): 435 (1989): E. oreophilus var. dactyloides.
 cationii
 var. lavandulus J.L. Strother & W.J. Ferlante in *Madroño*, 35(2): 83 (1988)—U.S.A. (Idaho, Oregon).
 eruptens G.L. Nesom in *Phytologia*, 66(5): 438 (1989)—Mexico.
 fundus G.L. Nesom in *Phytologia*, 66(6): 471 (1989)—Mexico.
 goodrichii S.L. Welsh in *Great Basin Nat.*, 43(2): 366 (1983)—U.S.A. (Utah).
 heliographis G.L. Nesom in *Phytologia*, 69(3): 230 (1990)—U.S.A. (Arizona).
 hintoniorum G.L. Nesom in *Phytologia*, 66(6): 489 (1989)—Mexico.
 japonicus C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 754 (1784)—Japan.†
 maguirei
 var. harrisonii S.L. Welsh in *Great Basin Nat.*, 43(2): 367 (1983)—U.S.A. (Utah).
 mohinorensis G.L. Nesom in *Phytologia*, 66(6): 492 (1989)—Mexico.
 naoriensis G.L. Nesom in *Phytologia*, 66(5): 442 (1989)—Mexico.
 onofrensis G.L. Nesom in *Phytologia*, 66(6): 491 (1989)—Mexico.
 pamiricus V.P. Bochantsev & T.F. Kochkareva in *Fl. Tadzhikskoi SSR*, 9: 526, 220 (1988)—U.S.S.R. (Middle Asia).
 philadelphicus
 subsp. provancheri (Marie-Victorin & Rousseau) J.K. Morton in *Canad. J. Bot.*, 66(2): 301 (1988), without exact basionym page: E. provancheri.
 piscaticus G.L. Nesom in *Phytologia*, 67(4): 304 (1989)—U.S.A. (Arizona).
 podophyllus G.L. Nesom in *Phytologia*, 66(5): 447 (1989)—Mexico.
 punjabensis T. Akhtar & M.N. Chaudhri in *Pakistan Syst.*, 3(1): 23 (1987)—Pakistan.
 rhizomactis G.L. Nesom in *Phytologia*, 66(5): 449 (1989)—Mexico.
 salishii G.W. Douglas & J.G. Packer in *Canad. J. Bot.*, 66(3): 414 (1988)—U.S.A. (Washington), Canada (British Columbia).
 salmonensis S.J. Brunsfeld & G.L. Nesom in *Brittonia*, 41(4): 424 (1989)—U.S.A. (Idaho).
 saxatilis G.L. Nesom in *Phytologia*, 69(3): 233 (1990)—U.S.A. (Arizona).
 scandens C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 754 (1784)—Japan.†
 scoparioides G.L. Nesom in *Phytologia*, 66(6): 488 (1989)—Mexico.
 scopulinus G.L. Nesom & V.D. Roth in *J. Ariz. Acad. Sci.*, 16(2): 39 (1981)—U.S.A. (Arizona, New Mexico).
 semperflorens Roehl ex Haage & Schmidt, *Belgique horticole*, 22: 83 (1872); *Bull. Retail List*, 67: 10 (1872); cf. D.J. Maberley in *Taxon*, 34(3): 454 (1985)—Locality not stated.
 speciosus
 var. mollis (Gray) S.L. Welsh in *Great Basin Nat.*, 43(2): 278 (1983): E. glabellus var. mollis.
 var. uintahensis (Cronq.) S.L. Welsh in *Great Basin Nat.*, 43(2): 279 (1983): E. uintahensis.
 turnerorum G.L. Nesom in *Sida*, 12(2): 287 (1987)—Mexico.
 untermanniorum S.L. Welsh in *Great Basin Nat.*, 43(2): 367 (1983), as 'untermanni'—U.S.A. (Utah).
 veracruzensis G.L. Nesom in *Phytologia*, 67(1): 74 (1989), nom. nov.: Aster scaberrimus Less.
 vichrenensis B. Pavlovski in *Acta Bot. Croat.*, 28: 287 (1969)—Bulgaria.
 wahwahensis S.L. Welsh in *Great Basin Nat.*, 43(2): 368 (1983)—U.S.A. (Utah).
 wilkenii S.L. O'Kane in *Madroño*, 37(3): 184 (1990)—U.S.A. (Colorado).

ERIGERON :-

- zothecinus S.L. Welsh in *Great Basin Nat.*, 46(2): 262 (1986)—U.S.A. (Utah).

ERINACEA (Legumin.).

- schoenenbergeri (Ray.) C. Raynaud in *Nat. Monspel., Bot.*, 53: 49 (1988 publ. 1989): E. anthyllis subsp. schoenenbergeri.

ERIOCAULON (Eriocaulac.).

- bolei P.V. Bole & M.R. Almeida in *J. Bombay Nat. Hist. Soc.*, 83(3): 600 (1986 publ. 1987)—India.
 distichoides J.M. Mangen in *Blumea*, 31(2): 487 (1986)—New Guinea (W. Irian).
 kasaragodense R. Ansari, V.J. Nair & N.C. Nair in *J. Econ. Taxon. Bot.*, 11(1): 235 (1987 publ. 1988)—India.
 keralense R. Ansari, V.J. Nair & N.C. Nair in *J. Econ. Taxon. Bot.*, 11(1): 235 (1987 publ. 1988)—India.
 mikawanum
 var. azumianum H. Takahashi & H. Suzuki in *J. Jap. Bot.*, 63(4): 155 (1988)—Japan.
 nantoense
 var. satsumense S. Hatusima & T. Sakata in *J. Phytogeogr. Taxon.*, 34(2): 64 (1986)—Japan.
 pancheri H. Lecomte ex A. Guillaumin & G. Beauvisage in *Ann. Soc. Bot. Lyon*, 38: 114 (1913 publ. 1914); *et Sp. Montrouz.*: 40 (1914) (reprint)—New Caledonia.†
 taishanense F.Z. Li in *Acta Phytotax. Sin.*, 26(4): 318 (1988)—China.
 taiwanianum S.S. Ying in *Quart. J. Chinese Forest.*, 21(2): 109 (1988)—Taiwan.

ERIOCHLOA (Gramin.).

- acuminata
 var. minor (Vasey) R.B. Shaw in *Sida*, 12(1): 174 (1987): E. punctata var. minor.
 aristata
 var. boxiana (Hitchc.) R.B. Shaw in *Sida*, 12(1): 177 (1987): E. boxiana.
 nelsonii
 var. papillosa R.B. Shaw ex R. McVaugh, *Fl. Novogaliciana*, 14: 178 (1983)—Mexico.
 setosa
 var. ekmanii (Hitchc.) R.B. Shaw in *Sida*, 12(1): 202 (1987): Eriochloa ekmanii.

ERIOCHRYSIS (Gramin.).

- ×concepcionensis T.J. Killen in *Ann. Missouri Bot. Gard.*, 77(1): 157 (1990)—Bolivia. (E. cayanensis × laxa).

ERIOGONUM (Polygonac.).

- sect. Pterogonum (H. Gross) J.L. Reveal in *Phytologia*, 66(3): 262 (1989): gen. Pterogonum.
 batemanii
 var. eremicum (Reveal) S.L. Welsh in *Great Basin Nat.*, 44(4): 529 (1984): E. eremicum.
 var. ostlundii (Jones) S.L. Welsh in *Great Basin Nat.*, 44(4): 529 (1984): E. ostlundii.
 brevicaule
 var. desertorum (Maguire) S.L. Welsh in *Great Basin Nat.*, 44(4): 531 (1984): E. chrysocephalum subsp. desertorum.
 var. ephedroides (Reveal) S.L. Welsh in *Great Basin Nat.*, 44(4): 531 (1984): E. ephedroides.
 var. loganum (A. Nels.) S.L. Welsh in *Great Basin Nat.*, 44(4): 531 (1984): E. loganum.
 var. nanum (Reveal) S.L. Welsh in *Great Basin Nat.*, 44(4): 531 (1984): E. nanum.
 var. promiscuum S.L. Welsh in *Great Basin Nat.*, 44(4): 531 (1984)—U.S.A. (Utah).
 var. viridulum (Reveal) S.L. Welsh in *Great Basin Nat.*, 44(4): 532 (1984): E. viridulum.
 capistratum J.L. Reveal in *Phytologia*, 66(3): 254 (1989)—U.S.A. (Idaho).
 var. muhlickii J.L. Reveal in *Phytologia*, 66(3): 256 (1989)—U.S.A. (Montana).
 var. welshii J.L. Reveal in *Phytologia*, 66(3): 256 (1989)—U.S.A. (Idaho).
 corymbosum
 var. cronquistii (Reveal) S.L. Welsh in *Great Basin Nat.*, 44(4): 534 (1984): E. cronquistii.
 var. humivagans (Reveal) S.L. Welsh in *Great Basin Nat.*, 44(4): 534 (1984): E. humivagans.

ERIOGONUM :-

- var. hylophilum (Reveal & Brotherson) S.L. Welsh in *Great Basin Nat.*, 44(4): 534 (1984): E. hylophilum.
 var. smithii (Reveal) S.L. Welsh in *Great Basin Nat.*, 44(4): 535 (1984): E. smithii.
 deflexum
 var. rectum J.L. Reveal in *Phytologia*, 66(3): 263 (1989)—U.S.A. (California).
 gracile
 var. incultum J.L. Reveal in *Phytologia*, 66(3): 265 (1989)—U.S.A. (California).
 henricksonii J.L. Reveal in *Phytologia*, 66(3): 261 (1989)—Mexico.
 lonchophyllum
 var. fenderianum (Benth.) J.L. Reveal in *Phytologia*, 66(3): 252 (1989): E. microthecum var. fenderianum.
 var. intermontanum (Rev.) J.L. Reveal in *Phytologia*, 66(3): 252 (1989): E. intermontanum.
 var. saurinum (Reveal) S.L. Welsh in *Great Basin Nat.*, 44(4): 540 (1984): E. saurinum.
 luteolum
 var. saltuarium J.L. Reveal in *Phytologia*, 66(3): 264 (1989)—U.S.A. (California).
 melodonum J.L. Reveal in *Phytologia*, 66(3): 254 (1989)—U.S.A. (Idaho).
 nudum
 var. paralinum J.L. Reveal in *Phytologia*, 66(3): 258 (1989)—U.S.A. (Oregon, California).
 var. regirivum J.L. Reveal & J.C. Stebbins in *Phytologia*, 66(3): 247 (1989)—U.S.A. (California).
 nummularae
 var. amophilum (Reveal) S.L. Welsh in *Great Basin Nat.*, 44(4): 541 (1984): E. amophilum.
 ochrocephalum
 var. sceptrum J.L. Reveal in *Phytologia*, 66(3): 252 (1989)—U.S.A. (Idaho).
 ovalifolium
 var. pansum J.L. Reveal in *Phytologia*, 66(3): 259 (1989)—U.S.A. (Idaho, Montana).
 prattianum
 var. avium J.L. Reveal & J.R. Shevock in *Phytologia*, 66(3): 249 (1989)—U.S.A. (California).
 racemosum
 var. coccineum (J.T. Howell) S.L. Welsh in *Great Basin Nat.*, 44(4): 544 (1984): E. zionis var. coccineum.
 var. zionis (J.T. Howell) S.L. Welsh in *Great Basin Nat.*, 44(4): 543 (1984): E. zionis.
 shockleyi
 var. packardiae J.L. Reveal in *Phytologia*, 66(3): 257 (1989), as 'packardae'—U.S.A. (Idaho).
 spathulatum
 var. natum (Reveal) S.L. Welsh in *Great Basin Nat.*, 44(4): 545 (1984): E. natum.
 suffruticosum Huber, *Cat. Gén. 1870 & 1871*: 3 (1870); cf. D.J. Maberley in *Taxon*, 34(3): 453 (1985)—Locality not stated.
 thomsoniae
 var. matthewsiae (Rev.) J.L. Reveal in *Phytologia*, 66(3): 252 (1989), as 'E. thomsonae var. matthewsiae': E. corymbosum var. matthewsiae.
 trichopes
 var. hooveri J.L. Reveal in *Phytologia*, 66(3): 262 (1989)—U.S.A. (California).
 umbellatum
 var. argus J.L. Reveal in *Phytologia*, 66(3): 261 (1989)—U.S.A. (California, Oregon).
 var. goodmanii J.L. Reveal in *Phytologia*, 66(3): 259 (1989)—U.S.A. (Oregon, California).
 var. humistratum J.L. Reveal in *Phytologia*, 66(3): 260 (1989)—U.S.A. (California).
 verrucosum J.L. Reveal in *Phytologia*, 66(3): 253 (1989)—U.S.A. (Idaho).

ERIONEURON (Gramin.).

- avenaceum
 var. kurtzianum (L.R. Parodi) A.M. Anton in *Kurtziana*, 10: 62 (1977): Tridens avenacea var. kurtziana.
 var. longigium (L.R. Parodi) A.M. Anton in *Kurtziana*, 10: 65 (1977): Tridens avenacea var. longigium.

ERIONEURON :-

- var. *pygmaeum* (Hackel) A.M. Anton in Kurtziana, 10: 63 (1977): *Triodia avenacea* var. *pygmaea*.
 pilosum
 var. *longearistatum* (Kurtz) A.M. Anton in Kurtziana, 10: 58 (1977): *Triodia avenacea* var. *longearistata*.

ERIOPE (Labiata).

- blanchetii* (Benth.) R.M. Harley in Bot. J. Linn. Soc., 98(2): 93 (1988): *Hyptis blanchetii*.
machrisae (Epling) R.M. Harley in Bot. J. Linn. Soc., 98(2): 93 (1988): *Hyptis machrisae*.
simplex (St. Hil. ex Benth.) R.M. Harley in Bot. J. Linn. Soc., 98(2): 93 (1988): *Hyptis simplex*.

ERIOPHORUM (Cyperac.).

- angustifolium*
 subsp. *minus* (Dalla Torre) J. Holub in Folia Geobot. Phytotax., 23(4): 413 (1988): *E. minus*.

ERIOSEMA (Legumin.).

- acuminatum* (Eckl. & Zeyh.) C.H. Stirton in Bothalia, 16(1): 13 (1986): *Desmodium squarrosus* var. *acuminatum*.
latifolium (Benth. ex Harv.) C.H. Stirton in Bothalia, 16(1): 20 (1986): *E. squarrosus* var. *latifolium*.
luteopetalum C.H. Stirton in Bothalia, 16(1): 14 (1986)—South Africa (Natal).
rossii C.H. Stirton in Bothalia, 16(1): 18 (1986)—South Africa (Natal, Cape Province).
umtamvunense C.H. Stirton in Bothalia, 16(1): 16 (1986)—South Africa (Cape Province, Natal).

ERIOSOLENA (Thymelaeac.).

- composita*
 var. *szemaensis* Y.Y. Qian in Acta Bot. Yunnanica, 7(2): 136 (1985)—China.

ERIOSPERMUM (Eriospermac.).

- erinum* P.L. Perry in S. Afr. J. Bot., 55(1): 83 (1989)—South Africa (Cape Province).
eriphorum Marloth ex P.L. Perry in S. Afr. J. Bot., 55(1): 85 (1989)—South Africa (Cape Province).
lammarginatum Marloth ex P.L. Perry in S. Afr. J. Bot., 55(1): 85 (1989)—South Africa (Cape Province).
laxiracemosum P.L. Perry in S. Afr. J. Bot., 55(1): 89 (1989)—South Africa (Cape Province).
marginatum Marloth ex P.L. Perry in S. Afr. J. Bot., 55(1): 89 (1989)—South Africa (Cape Province).
ratelpoortianum P.L. Perry in S. Afr. J. Bot., 55(1): 93 (1989)—South Africa (Cape Province).
subincanum P.L. Perry in S. Afr. J. Bot., 55(1): 93 (1989)—South Africa (Cape Province).
subtile P.L. Perry in S. Afr. J. Bot., 55(1): 97 (1989)—South Africa (Cape Province).
undulatum P.L. Perry in S. Afr. J. Bot., 55(1): 99 (1989)—South Africa (Cape Province).
vermiforme Marloth ex P.L. Perry in S. Afr. J. Bot., 55(1): 99 (1989)—South Africa (Cape Province).

ERIOSYCE (Cactac.).

- sandillon*
 var. *algarrobensis* (Ritter) A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile: 146 (1989): *E. algarrobensis*.
 var. *mollesensis* (Back.) A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile: 144 (1989), as 'mollensis': *E. ceratistes* var. *mollesensis*.
 var. *vallenarensis* (Back.) A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile: 144 (1989): *E. ceratistes* var. *vallenarensis*.

ERISMA (Vochysiac.).

- blanca* L. Marcano Berti in Pittieria, 13: 12 (1986)—Venezuela.
silvae L. Marcano Berti in Pittieria, 13: 15 (1986)—Brazil.

ERITRICHIMUM (Boraginac.).

- dequense* W.T. Wang in Bull. Bot. Res. North-East. Forest. Inst., 6(3): 94 (1986)—China.
kangdingense W.T. Wang in Bull. Bot. Res. North-East. Forest. Inst., 6(3): 92 (1986)—China.
sinomicrocarpum W.T. Wang in Fl. Reipubl. Popul. Sin., 64(2): 133 (1989), nom. nov.: *E. microcarpum* W.T. Wang.

ERLANGEEA (Compos.).

- sect. *Haarera* (Hutch. & Bruce) C. Jeffrey in Kew Bull., 43(2): 255 (1988): gen. *Haarera*.
enigmatica C. Jeffrey in Kew Bull., 43(2): 256 (1988)—Tanzania.
richardisiae (Wechusen) C. Jeffrey in Kew Bull., 43(2): 256 (1988): *Bothriocline richardisiae*.

ERODIUM (Geraniac.).

- subsect. *Ciconia* A. El-Oqlah in Feddes Repert., 100(3-4): 109 (1989), without latin descr.
 sect. *Oxyrrhynchea* A. El-Oqlah in Feddes Repert., 100(3-4): 108 (1989), without latin descr.
 sect. *Pelargoniflorea* (Brumh.) A. El-Oqlah in Feddes Repert., 100(3-4): 109 (1989): *E.* subsect. *Pelargoniflorea*.
absinthoides
 subsp. *balcanicum* (Micevski) W. Greuter & H.M. Burdet in W. Greuter, H.M. Burdet & G. Long (eds.), Med-checklist, 3: 249 (1986): *E. absinthoides* var. *balcanicum*.

alpinum

- subsp. *balcanicum* (Micevsky) W. Greuter & H.M. Burdet in W. Greuter, H.M. Burdet & G. Long (eds.), Med-checklist, 3: xxix (1986), without basionym ref.: *Basionym* not stated.

- ×*bolosii* A.M. Romo i Diez, Fl. Veg. Montsec (Pre-Pirineus Catalans): 177 (1989)—Spain. (*E. glandulosum* × *rupestre*).

malacoides

- subsp. *aragonense* (Loscós) O. de Bolòs & J. Vigo, Fl. Paisos Catalans, 2: 303 (1990): *E. aragonense*.
melanostigma Mart., Hort. Acad. Erlangen: 139 (1814); cf. D.J. Mabberley in Taxon, 33(3): 442 (1984)—Locality not stated.

oxyrrhynchum

- var. *bryonifolium* (Boiss.) A. El-Oqlah in Feddes Repert., 100(3-4): 111 (1989), without basionym ref.: *Basionym* not stated.

- paularensis* F. Fernández-González & J. Izco in Candollea, 44(1): 241 (1989)—Spain.

sibthorpiatum

- var. *somanum* (Pesmen) A. El-Oqlah in Feddes Repert., 100(3-4): 115 (1989), without exact basionym page: *E. somanum*.

ERUCARIA (Crucif.).

- rostrata* (Boiss.) A.W. Hill ex W. Greuter & Burdet in Willdenowia, 15(2): 419 (1986): *Didesmus rostratus*.

ERVATAMIA (Apocynac.).

- balansae*
 var. *macrophylla* Trần Đình Lý in Feddes Repert., 97(7-8): 451 (1986)—Vietnam.

- ×**ERYDIUM** hort. in Orchid Rev., 94(1115): centre page pull-out p. 10 (1986). ORCHIDACEAE. (*Erycina* × *Oncidium*).

ERYMOPHYLLUM Paul G. Wilson in Nuytsia, 7(1): 105 (1989). COMPOSITAE.

- compactum* Paul G. Wilson in Nuytsia, 7(1): 110 (1989)—Australia (W. Australia).
glossanthus Paul G. Wilson in Nuytsia, 7(1): 106 (1989)—Australia (W. Australia).
hemisphaericum Paul G. Wilson in Nuytsia, 7(1): 113 (1989)—Australia (W. Australia).
ramosum (A. Gray) Paul G. Wilson in Nuytsia, 7(1): 108 (1989): *Pteropogon ramosus*.

ramosum

- subsp. *involutatum* (F. Muell.) Paul G. Wilson in Nuytsia, 7(1): 109 (1989): *Helichrysum involutum*.

- tenellum* (Turcz.) Paul G. Wilson in Nuytsia, 7(1): 114 (1989): *Helipterum tenellum*.

ERYNGIUM (Umbellif.).

- aristulatum*
 subsp. *parishii* (Coulter & Rose) R.M. Beauchamp in Phytologia, 59(7): 437 (1986): *E. parishii*.

bourgatii

- subsp. *hispanicum* (Willk. & Lange) S. Rivas-Martínez, F. Fernández-González & D. Sánchez-Mata in Opusc. Bot. Pharm. Complutensis, 2: 109 (1986): *E. bourgatii* var. *hispanicum*.

ERYNGIUM :-

- davisi* Kit Tan & B. Yildiz in Notes Roy. Bot. Gard. Edinburgh, 45(3): 441 (1988 publ. 1989)—Turkey.
hedgearum Kit Tan & B. Yildiz in Notes Roy. Bot. Gard. Edinburgh, 45(3): 443 (1988 publ. 1989)—Turkey.
rechingeri S.G. Tamamschian & M.G. Pimenov in Fl. Iran., 162: 55 (1987)—Afghanistan.

ERYSIMUM (Crucif.).

- sect. *Canescencia* V.I. Dorofeev in Bot. Zhurn., 72(11): 1538 (1987).
 subsect. *Canescencia* V.I. Dorofeev in Bot. Zhurn., 72(11): 1538 (1987).
 sect. *Contracta* V.I. Dorofeev in Bot. Zhurn., 72(11): 1537 (1987).

- subgen. *Cuspidaria* (DC.) V.I. Dorofeev in Novosti Sist. Vyssh. Rast., 23: 66 (1986): *E.* sect. *Cuspidaria*.

- subsect. *Cylindrica* V.I. Dorofeev in Bot. Zhurn., 72(11): 1542 (1987).

- subsect. *Gelida* V.I. Dorofeev in Bot. Zhurn., 72(11): 1540 (1987).

- sect. *Hieracifolia* V.I. Dorofeev in Bot. Zhurn., 72(11): 1539 (1987).

- subsect. *Iberica* V.I. Dorofeev in Bot. Zhurn., 72(11): 1538 (1987).

- sect. *Pachygonum* (C.A. Mey.) V.I. Dorofeev in Bot. Zhurn., 72(11): 1540 (1987): *E.* subgen. *Pachygonum*.

- subsect. *Subangulata* V.I. Dorofeev in Bot. Zhurn., 72(11): 1542 (1987).

- cantabricum* M.J. Alvarez Martínez, M.Á. Fernández Casado & H.S. Nava in An. Jard. Bot. Madrid, 44(2): 539 (1987)—Spain.

duriaci

- subsp. *gorbeanum* (Polatschek) P.W. Ball in Bot. J. Linn. Soc., 103(3): 207 (1990): *E. gorbeanum*.

- subsp. *neumannii* (Polatschek) P.W. Ball in Bot. J. Linn. Soc., 103(3): 207 (1990): *E. neumannii*.

- subsp. *pyrenaicum* (O. Bolòs & Vigo) P.W. Ball in Bot. J. Linn. Soc., 103(3): 207 (1990): *E. decumbens* subsp. *pyrenaicum*.

gelidum

- subsp. *krynitzkii* (Bordz.) V.I. Dorofeev in Bot. Zhurn., 72(11): 1541 (1987): *E. krynitzkii*.

grandiflorum

- subsp. *collisparsum* (Jord.) O. de Bolòs & J. Vigo, Fl. Paisos Catalans, 2: 79 (1990): *E. collisparsum*.

- subsp. *deretosense* (O. Bolòs & J. Vigo) O. de Bolòs & J. Vigo, Fl. Paisos Catalans, 2: 79 (1990): *E. grandiflorum* var. *deretosense*.

- subsp. *mediohispanicum* (Polatschek) A.M. Romo i Diez, Fl. Veg. Montsec (Pre-Pirineus Catalans): 109 (1989), without exact basionym page: *E. mediohispanicum*.

- subsp. *mediohispanicum* (Polatschek) O. de Bolòs & J. Vigo, Fl. Paisos Catalans, 2: 79 (1990): *E. mediohispanicum*.

incanum

- subsp. *aurigeranum* (Jeanb. & Timb.-Lagr.) O. de Bolòs & J. Vigo, Fl. Paisos Catalans, 2: 77 (1990): *E. aurigeranum*.

- mayorii* M.J. Alvarez Martínez, H.S. Nava & M.A. Fernández Casado in An. Jard. Bot. Madrid, 43(1): 174 (1986)—Spain.

- michaelis* T.A. Adýlov in Dokl. Akad. Nauk Uzb. SSR, 1980(6): 58 (1980), nom. nov.: *E. popovii* Botsch. & Vved.

nevadense

- subsp. *collisparsum* (Jordan) P.W. Ball in Bot. J. Linn. Soc., 103(3): 205 (1990): *E. collisparsum*.

- subsp. *fitzii* (Polatschek) P.W. Ball in Bot. J. Linn. Soc., 103(3): 205 (1990): *E. fitzii*.

- subsp. *gomez-campoii* (Polatschek) P.W. Ball in Bot. J. Linn. Soc., 103(3): 205 (1990): *E. gomez-campoii*.

- subsp. *mediohispanicum* (Polatschek) P.W. Ball in Bot. J. Linn. Soc., 103(3): 205 (1990): *E. mediohispanicum*.

- subsp. *merxmulleri* (Polatschek) P.W. Ball in Bot. J. Linn. Soc., 103(3): 206 (1990): *E. merxmulleri*.

- subsp. *rondae* (Polatschek) P.W. Ball in Bot. J. Linn. Soc., 103(3): 206 (1990): *E. rondae*.

ERYSIMUM :-

- pusillum
subsp. atticum (Heldr. & Sart. ex Boiss.) P.W. Ball in *Bot. J. Linn. Soc.*, 103(3): 210 (1990): E. atticum.
subsp. cephalonicum (Polatschek) P.W. Ball in *Bot. J. Linn. Soc.*, 103(3): 210 (1990): E. cephalonicum.
subsp. rechingeri (Jáv.) P.W. Ball in *Bot. J. Linn. Soc.*, 103(3): 210 (1990): E. rechingeri.
 substrigosum
subsp. meyerianum (Rupr.) V.I. Dorofeev in *Bot. Zhurn.*, 72(11): 1537 (1987): Erysimastrum meyerianum.
 sylvestre
subsp. aurantiacum (Leybold) P.W. Ball in *Bot. J. Linn. Soc.*, 103(3): 203 (1990): E. cheiranthus var. aurantiacum.
 var. intermedium (Gay ex Gren. & Godr.) O. de Bolòs & J. Vigo, *Fl. Països Catalans*, 2: 78 (1990): E. ochroleucum var. intermedium.
subsp. pyrenaicum (Nyman) O. de Bolòs & J. Vigo, *Fl. Països Catalans*, 2: 78 (1990): E. ochroleucum subsp. pyrenaicum.
 var. pyrenaicum (Nyman) O. de Bolòs & J. Vigo, *Fl. Països Catalans*, 2: 78 (1990): E. ochroleucum subsp. pyrenaicum.

ERYTHRINA (Legumin.).

- × *dyeri* E.F. Hennessy in *Bothalia*, 16(1): 48 (1986)—South Africa (Natal, Cape Province). (E. caffra × lysesimon).
poianthes Brot. ex Tilloch & Taylor, *Phil. Mag.*, 61: 465 (June 1823); cf. D.J. Mabberley in *Taxon*, 30(1): 16 (1981)—Locality not stated.
 variegata
f. picta (L.) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 2: 435 (1987), without basionym date: E. picta.

ERYTHROCOCCA (Euphorbiac.).

- atrovirens
 var. flaccida (Pax) A. Radcliffe-Smith in *Kew Bull.*, 42(2): 395 (1987): Claoxylon flaccidum.
sanjensis A. Radcliffe-Smith in *Kew Bull.*, 41(4): 963 (1986)—Tanzania.
uniflora M.G. Gilbert in *Kew Bull.*, 42(2): 363 (1987)—Ethiopia.

ERYTHRODES (Orchidac.).

- laticalcari D.D. Dod in *Moscovia*, 5: 231 (1989)—Hispaniola (Dominican Republic).
parvula P.J. Kores in *Allertonia*, 5(1): 30 (1989)—Fiji, Tonga, Samoa.
soraria (Garay) C.H. Dodson & R. Vásquez Ch. in *Pl. Trop.*, Ser. 2, 3: t. 232 (1989): Stephanothelys soraria.

ERYTHRORCHIS (Orchidac.).

- cassythoides (A. Cunn. ex Lindl.) L.A. Garay in *Bot. Mus. Leaflet Harvard Univ.*, 30(4): 234 (1986): Dendrobium cassythoides.
ochobiensis (Hayata) L.A. Garay in *Bot. Mus. Leaflet Harvard Univ.*, 30(4): 234 (1986): Galeola ochobiensis.

ERYTHRORHIPSALIS (Cactac.).

- burchellii (B. & R.) Volgin in *Vestn. Moskovsk. Univ. Ser. 16, Biol.*, 36(3): 19 (1981); cf. *Repert. Pl. Succ. (I.O.S.)*, 36: 7 (1985 publ. 1986): Rhipsalis burchellii.
campos-portoana (Loefgren) Volgin in *Vestn. Moskovsk. Univ. Ser. 16, Biol.*, 36(3): 19 (1981); cf. *Repert. Pl. Succ. (I.O.S.)*, 36: 7 (1985 publ. 1986): Rhipsalis campos-portoana.
cereuscula (Haw.) Volgin in *Vestn. Moskovsk. Univ. Ser. 16, Biol.*, 36(3): 19 (1981); cf. *Repert. Pl. Succ. (I.O.S.)*, 36: 7 (1985 publ. 1986): Rhipsalis cereuscula.
cribrata (Lem.) Volgin in *Vestn. Moskovsk. Univ. Ser. 16, Biol.*, 36(3): 19 (1981); cf. *Repert. Pl. Succ. (I.O.S.)*, 36: 7 (1985 publ. 1986): Hariota cribrata.

ERYTHROXYLUM (Erythroxylic.).

- andrei T. Plowman in *Fieldiana, Bot.*, n.s., 19: 2 (1987)—Brazil.
bezerrae T. Plowman in *Brittonia*, 38(3): 196 (1986)—Brazil.

ERYTHROXYLUM :-

- caatingae T. Plowman in *Fieldiana, Bot.*, n.s., 19: 5 (1987)—Brazil.
 foetidum T. Plowman in *Brittonia*, 40(3): 256 (1988)—Venezuela.
 guanchezii T. Plowman in *Brittonia*, 40(3): 261 (1988)—Venezuela.
 indicum (DC.) W. Elliot, *Fl. Andhirica*: 46 (1859); cf. D.J. Mabberley in *Taxon*, 32(1): 87 (1983): Basionym not stated.
 ligustrinum
 var. carajasense T. Plowman in *Acta Amazonica*, 14(1–2 Suppl.): 122 (1984 publ. 1986)—Brazil.
 lorentense T. Plowman in *Candollea*, 43(1): 421 (1988)—Peru, Brazil.
 macrophyllum
 var. ecuadorensis T. Plowman in *Fl. Ecuador*, 36(93): 18 (1989)—Ecuador.
 var. macrocnemium (Mart.) T. Plowman in *Candollea*, 43(1): 429 (1988): E. macrocnemium.
 var. savannarum T. Plowman in *Brittonia*, 40(3): 263 (1988)—Venezuela, Colombia.
 maracasense T. Plowman in *Fieldiana, Bot.*, n.s., 19: 8 (1987)—Brazil.
 matto-silvae T. Plowman in *Fieldiana, Bot.*, n.s., 19: 12 (1987)—Brazil.
 membranaceum T. Plowman in *Fieldiana, Bot. n.s.*, 19: 17 (1987)—Brazil.
 nelson-rosae T. Plowman in *Acta Amazonica*, 14(1–2 Suppl.): 124 (1984 publ. 1986)—Brazil.
 paufferense T. Plowman in *Brittonia*, 38(3): 193 (1986)—Brazil.
 petrae-caballi T. Plowman in *Fieldiana, Bot.*, n.s., 19: 20 (1987)—Brazil.
 ruryi T. Plowman in *Candollea*, 43(1): 426 (1988)—Bolivia, Peru.
 santosii T. Plowman in *Fieldiana, Bot.*, n.s., 19: 25 (1987)—Brazil.
 schunkei T. Plowman in *Acta Amazonica*, 14(1–2 Suppl.): 127 (1984 publ. 1986)—Peru.
 simonis T. Plowman in *Brittonia*, 38(3): 189 (1986)—Brazil.
 splendidum T. Plowman in *Fieldiana, Bot.*, n.s., 19: 25 (1987)—Brazil.
 stipulosum T. Plowman in *Fieldiana, Bot.*, n.s., 19: 31 (1987)—Brazil.
 tenue T. Plowman in *Fieldiana, Bot.*, n.s., 19: 35 (1987)—Brazil.
 tianguanum T. Plowman in *Brittonia*, 38(3): 198 (1986)—Brazil.
 tucuruense T. Plowman in *Acta Amazonica*, 14(1–2 Suppl.): 131 (1984 publ. 1986)—Brazil.
 vasquezii T. Plowman in *Candollea*, 43(1): 424 (1988)—Peru.

ESCHSCHOLZIA (Papaverac.).

- lemmonii
 subsp. kernensis (Munz) C. Clark in *Madroño*, 33(3): 225 (1986): E. caespitosa subsp. kernensis.

ESCHWEILERA (Lecythidac.).

- sect. Bracteosa S.A. Mori in *Fl. Neotrop.*, 21(II): 172 (1990).
 sect. Jugastrum G.T. Prance & S.A. Mori in *Fl. Neotrop.*, 21(II): 177 (1990).
 sect. Tetrapetala S.A. Mori in *Fl. Neotrop.*, 21(II): 169 (1990).
 amazoniciformis S.A. Mori in *Fl. Neotrop.*, 21(II): 227 (1990)—Brazil.
 amplexifolia S.A. Mori in *Fl. Neotrop.*, 21(II): 210 (1990)—Panama.
 atropetiolata S.A. Mori in *Fl. Neotrop.*, 21(II): 241 (1990)—Brazil.
 baguensis S.A. Mori in *Fl. Neotrop.*, 21(II): 185 (1990)—Peru.
 beebi Pittier ex S.A. Mori in *Fl. Neotrop.*, 21(II): 183 (1990)—Venezuela.
 boltenii S.A. Mori in *Fl. Neotrop.*, 21(II): 240 (1990)—Surinam.
 carinata S.A. Mori in *Fl. Neotrop.*, 21(II): 257 (1990)—Brazil.
 chartaceifolia S.A. Mori in *Fl. Neotrop.*, 21(II): 228 (1990)—Brazil, Peru.
 coriacea (A.P. de Candolle) S.A. Mori in *Fl. Neotrop.*, 21(II): 203 (1990): Lecythis coriacea.
 costaricensis S.A. Mori in *Ann. Missouri Bot. Gard.*, 74(2): 455 (1987)—Costa Rica, Nicaragua.

ESCHWEILERA :-

- integricalyx S.A. Mori in *Fl. Neotrop.*, 21(II): 210 (1990)—Colombia.
 jacquelyninae S.A. Mori in *Fl. Neotrop.*, 21(II): 192 (1990)—Panama.
 laeivarpa S.A. Mori in *Mem. New York Bot. Gard.*, 44: 32 (1987)—Brazil, French Guiana, Peru.
 longipedicellata S.A. Mori in *Fl. Neotrop.*, 21(II): 199 (1990)—Panama, Colombia.
 longirachis S.A. Mori in *Fl. Neotrop.*, 21(II): 203 (1990)—Panama.
 microcalyx S.A. Mori in *Fl. Neotrop.*, 21(II): 195 (1990)—Colombia.
 neblinensis S.A. Mori in *Fl. Neotrop.*, 21(II): 256 (1990)—Venezuela.
 neei S.A. Mori in *Fl. Neotrop.*, 21(II): 183 (1990)—Panama, Colombia.
 pedicellata (Richard) S.A. Mori in *Mem. New York Bot. Gard.*, 44: 34 (1987): Lecythis pedicellata.
 piresii S.A. Mori in *Fl. Neotrop.*, 21(II): 227 (1990)—Brazil.
 punctata S.A. Mori in *Fl. Neotrop.*, 21(II): 219 (1990)—Colombia, Brazil.
 revoluta S.A. Mori in *Fl. Neotrop.*, 21(II): 174 (1990)—Venezuela.
 rionegrensis S.A. Mori in *Fl. Neotrop.*, 21(II): 223 (1990)—Brazil.
 rodriguesiana S.A. Mori in *Fl. Neotrop.*, 21(II): 255 (1990)—Brazil.
 roraimensis S.A. Mori in *Fl. Neotrop.*, 21(II): 237 (1990)—Venezuela, Brazil.
 rufifolia S.A. Mori in *Fl. Neotrop.*, 21(II): 257 (1990)—Peru.
 squamata S.A. Mori in *Mem. New York Bot. Gard.*, 44: 33 (1987)—French Guiana.
 subcordata S.A. Mori in *Fl. Neotrop.*, 21(II): 225 (1990)—Brazil.
 venezuelica S.A. Mori in *Fl. Neotrop.*, 21(II): 197 (1990)—Venezuela.

ESCOBARIA (Cactac.).

- chaffeyi
f. viridiflora (Frř) Riha in *Kaktusy*, 22(2): 25–27 (1986); cf. *Repert. Pl. Succ. (I.O.S.)*, 37: 4 (1986 publ. 1988): Fobia viridiflora.
 guadalupensis S. Brack & K.D. Heil in *Cact. Succ. J. (U.S.A.)*, 58(4): 165 (1986)—U.S.A. (Texas).
 maddougallii (Alexander) V. John & J. Riha in *Kaktusy (Brno)*, 17(2): 43 (1981), without basionym ref.: *Ortegocactus maddougallii*.
 tuberculosa
 var. varicolor (Tiegel) S. Brack & K.D. Heil in *Cact. Succ. J. (U.S.A.)*, 60(1): 17 (1988): *Coryphantha varicolor*.

ESPOSTOA (Cactac.).

- frutescens J.E. Madsen in *Fl. Ecuador*, 35(45): 36 (1989)—Ecuador.

×ESPOSTOCACTUS R. Mottram, *Contrib. New Class. Cact. Fam.*: 38 (1990). **CACTACEAE**. (Cleistocactus × Espostoa).**ETHULIA** (Compos.).

- acuminata M.G. Gilbert in *Kew Bull.*, 43(2): 179 (1988)—Tanzania.
 bicostata M.G. Gilbert in *Kew Bull.*, 43(2): 181 (1988)—Kenya.
 subsp. meruensis M.G. Gilbert in *Kew Bull.*, 43(2): 183 (1988)—Tanzania.
 burundensis M.G. Gilbert & C. Jeffrey in *Kew Bull.*, 43(2): 177 (1988)—Burundi, Rwanda.
 conyzoides
 subsp. kraussii (Walp.) M.G. Gilbert & C. Jeffrey in *Kew Bull.*, 43(2): 173 (1988): E. kraussii.
 faulknerae C. Jeffrey in *Kew Bull.*, 43(2): 180 (1988)—Zanzibar, Kenya.
 greenwayi M.G. Gilbert in *Kew Bull.*, 43(2): 184 (1988)—Tanzania.
 luzonica M.G. Gilbert in *Kew Bull.*, 43(2): 189 (1988)—Philippine Is.
 ngorongoroensis M.G. Gilbert in *Kew Bull.*, 43(2): 184 (1988)—Tanzania.
 pauciflora M.G. Gilbert in *Kew Bull.*, 43(2): 181 (1988)—Tanzania, Mozambique.
 rhizomata M.G. Gilbert in *Kew Bull.*, 43(2): 175 (1988)—Zambia, Zaire, Tanzania, Angola, Malawi.

ETHULIA :-

- ruhudiensis *M.G. Gilbert in Kew Bull.*, 43(2): 188 (1988)—Tanzania.
 vernonioides (*Schweinf.*) *M.G. Gilbert in Kew Bull.*, 43(2): 187 (1988): *Hoehnelia vernonioides*.
 subsp. mufindiensis *M.G. Gilbert in Kew Bull.*, 43(2): 188 (1988)—Tanzania, Mozambique.

ETLINGERA (Zingiberac.).

- angustifolia (*Val.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 243 (1986): *Geanthus angustifolius*.
 araneosa (*Bak.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 243 (1986): *Amomum araneosum*.
 australasica (*R.M. Smith*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 243 (1986): *Achasma australasica*.
 brachychila (*Ridley*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 243 (1986): *Hornstedtia brachychila*.
 brevilabris (*Val.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 243 (1986): *Achasma brevilabrum*.
 bromeliopsis (*Val.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 243 (1986): *Geanthus bromeliopsis*.
 calycina (*Val.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 244 (1986): *Geanthus calycinus*.
 caudiculata (*Ridley*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 244 (1986): *Phaecomera caudiculata*.
 cevuga (*Seem.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 244 (1986): *Amomum cevuga*.
 dekokkii (*Val.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 244 (1986): *Geanthus dekokkii*.
 densiuscula (*Val.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 244 (1986): *Geanthus densiusculus*.
 diepenhorstii (*Teysm. & Binn.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 244 (1986): *Elettaria diepenhorstii*.
 elatior (*Jack*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 244 (1986): *Alpinia elatior*.
 fimbriobraceata (*K. Schum.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 245 (1986): *Amomum fimbriobraceatum*.
 foetens (*Bl.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 245 (1986): *Elettaria foetens*.
 goliathensis (*Val.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 245 (1986): *Geanthus goliathensis*.
 gracilis (*Val.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 245 (1986): *Nicolaia gracilis*.
 grandiflora (*Val.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 245 (1986): *Geanthus grandiflorus*.
 grandiligulata (*K. Schum.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 245 (1986): *Amomum grandiligulatum*.
 harmandii (*Gagnep.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 245 (1986): *Amomum harmandii*.
 hemisphaerica (*Bl.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 245 (1986): *Elettaria hemisphaerica*.
 heyniana (*Val.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 246 (1986): *Nicolaia heyniana*.
 labellosa (*K. Schum.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 246 (1986): *Amomum labellosum*.
 latifolia (*Val.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 246 (1986): *Geanthus latifolius*.
 linguiformis (*Roxb.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 246 (1986): *Alpinia linguiforme*.
 longipetala (*Val.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 247 (1986): *Geanthus longipetalus*.
 longipetiolata (*Burt & Smith*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 247 (1986): *Geanthus longipetiolatus*.
 loroglossa (*Gagnep.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 247 (1986): *Amomum loroglossum*.
 lorzingii (*Val.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 247 (1986): *Nicolaia lorzingii*.

ETLINGERA :-

- maingayi (*Bak.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 247 (1986): *Amomum maingayi*.
 metriocheilos (*Griff.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 247 (1986): *Achasma metriocheilos*.
 minor (*Ridley*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 247 (1986): *Phaecomera minor*.
 moluccana (*K. Schum.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 248 (1986): *Phaecomera moluccana*.
 muluensis *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(3): 455 (1986)—Borneo (Sarawak).
 nasuta (*K. Schum.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 248 (1986): *Amomum nasutum*.
 var. reticulata *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(3): 446 (1986)—Borneo (Sarawak).
 parva (*Val.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 248 (1986): *Geanthus parvus*.
 pauciflora (*Ridley*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 248 (1986): *Hornstedtia pauciflora*.
 paviana (*Pierre ex Gagnep.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 248 (1986): *Amomum pavicanum*.
 peekelii (*Val.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 248 (1986): *Nicolaia peekelii*.
 philippinensis (*Ridley*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 248 (1986): *Hornstedtia philippinensis*.
 polyantha (*Val.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 248 (1986): *Geanthus polyanthus*.
 pubescens (*Burt & Smith*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 248 (1986): *Geanthus pubescens*.
 punicea (*Roxb.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 249 (1986): *Alpinia punicea*.
 pyramidospaera (*K. Schum.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 249 (1986): *Phaecomera pyramidospaera*.
 rosea *B.L. Burt & R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 240 (1986), nom. nov.: *Amomum roseum* *K. Schum.*
 sanguinea (*Ridley*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 249 (1986): *Hornstedtia sanguinea*.
 sericea (*Ridley*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 249 (1986): *Nicolaia sericea*.
 sessilantha *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 240 (1986)—Borneo (Sarawak).
 solaris (*Bl.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 249 (1986): *Elettaria solaris*.
 subterranea (*Holt.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 250 (1986): *Achasma subterraneum*.
 subulicalyx (*Val.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 250 (1986): *Nicolaia subulicalyx*.
 sulphurea (*R.N. Parker*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 250 (1986): *Hornstedtia sulphurea*.
 triorgyalis (*Bak.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 250 (1986): *Amomum triorgyale*.
 velutina (*Ridley*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 250 (1986): *Hornstedtia velutina*.
 venusta (*Ridley*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 250 (1986): *Hornstedtia venusta*.
 versteegii (*Val.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 250 (1986): *Geanthus versteegii*.
 vestita (*Val.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 250 (1986): *Geanthus vestitus*.
 walang (*Bl.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 251 (1986): *Donacodes walang*.
 xanthoparyphe (*K. Schum.*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 251 (1986): *Amomum xanthoparyphe*.
 yunnanensis (*Wu & Senjen*) *R.M. Smith in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 251 (1986): *Achasma yunnanensis*.

EUBRACHION (Eremolepidac.).

- gracile *J. Kuijt, Monogr. Eremolepidac. (Syst. Bot. Monog., 18): 46 (1988)*—Venezuela.

EUCALYPTUS (Myrtac.).

- ser. Accedentes *G.M. Chippendale in Fl. Australia*, 19: 495 (1988).
 ser. Annulares (*Blakely*) *G.M. Chippendale in Fl. Australia*, 19: 495 (1988): E. subser. Annulares.
 ser. Bakerianae *G.M. Chippendale in Fl. Australia*, 19: 496 (1988).
 ser. Brockwayanae *G.M. Chippendale in Fl. Australia*, 19: 496 (1988).
 ser. Cambageanae *G.M. Chippendale in Fl. Australia*, 19: 496 (1988).
 ser. Curtisianae *G.M. Chippendale in Fl. Australia*, 19: 497 (1988).
 ser. Dawsonianae *G.M. Chippendale in Fl. Australia*, 19: 497 (1988).
 ser. Dundasianae *G.M. Chippendale in Fl. Australia*, 19: 497 (1988).
 ser. Ebbanoenses *G.M. Chippendale in Fl. Australia*, 19: 497 (1988).
 ser. Howittianae *G.M. Chippendale in Fl. Australia*, 19: 498 (1988).
 ser. Inclusae (*Benth.*) *G.M. Chippendale in Fl. Australia*, 19: 499 (1988): E. subser. Inclusae.
 ser. Insulares *G.M. Chippendale in Fl. Australia*, 19: 499 (1988).
 ser. Jacobsianae *G.M. Chippendale in Fl. Australia*, 19: 499 (1988).
 ser. Johnsonianae *G.M. Chippendale in Fl. Australia*, 19: 500 (1988).
 ser. Jucundae *G.M. Chippendale in Fl. Australia*, 19: 499 (1988).
 ser. Kruseanae *G.M. Chippendale in Fl. Australia*, 19: 500 (1988).
 ser. Leptospermae (*Blakely*) *G.M. Chippendale in Fl. Australia*, 19: 500 (1988): E. subser. Leptospermae.
 ser. Loxophlebae *G.M. Chippendale in Fl. Australia*, 19: 500 (1988).
 ser. Lucasianae *G.M. Chippendale in Fl. Australia*, 19: 500 (1988).
 ser. Maculatae (*Blakely*) *G.M. Chippendale in Fl. Australia*, 19: 500 (1988): E. subser. Maculatae.
 ser. Meglanthae (*Blakely*) *G.M. Chippendale in Fl. Australia*, 19: 501 (1988): E. subser. Meglanthae.
 ser. Merrickianae *G.M. Chippendale in Fl. Australia*, 19: 501 (1988).
 ser. Michaelianae *G.M. Chippendale in Fl. Australia*, 19: 501 (1988).
 ser. Moluccanae *G.M. Chippendale in Fl. Australia*, 19: 501 (1988).
 ser. Odontocarpae *G.M. Chippendale in Fl. Australia*, 19: 502 (1988).
 ser. Olsenianae *G.M. Chippendale in Fl. Australia*, 19: 502 (1988).
 ser. Planchonianae *G.M. Chippendale in Fl. Australia*, 19: 503 (1988), nom. nov.: E. subser. Costatae *Blakely*.
 ser. Porantheroideae (*Maiden*) *G.M. Chippendale in Fl. Australia*, 19: 503 (1988): E. sect. Porantheroideae.
 ser. Pumilae *G.M. Chippendale in Fl. Australia*, 19: 503 (1988).
 ser. Radiatae *G.M. Chippendale in Fl. Australia*, 19: 504 (1988).
 ser. Regnantes *G.M. Chippendale in Fl. Australia*, 19: 504 (1988).
 ser. Rhodoxyla (*Blakely*) *G.M. Chippendale in Fl. Australia*, 19: 504 (1988): E. subser. Rhodoxyla.
 ser. Rigentes *M.J.H. Brooker & S.D. Hopper in Nuytsia*, 7(1): 7 (1989).
 ser. Rubiginosae *G.M. Chippendale in Fl. Australia*, 19: 504 (1988).
 ser. Rummeryanae *G.M. Chippendale in Fl. Australia*, 19: 504 (1988).
 ser. Salmonophloeae *G.M. Chippendale in Fl. Australia*, 19: 505 (1988).
 ser. Squamosae *G.M. Chippendale in Fl. Australia*, 19: 505 (1988).
 ser. Subereae *G.M. Chippendale in Fl. Australia*, 19: 506 (1988).
 ser. Tetrodontae *G.M. Chippendale in Fl. Australia*, 19: 506 (1988).
 ser. Torellianae *G.M. Chippendale in Fl. Australia*, 19: 506 (1988).
 ser. Torquatae *G.M. Chippendale in Fl. Australia*, 19: 506 (1988).
 ser. Trachyphloeae *G.M. Chippendale in Fl. Australia*, 19: 507 (1988).

EUCALYPTUS :-

- alaticaulis *R.J. Watson & P.Y. Ladiges in Brunonia*, 10(2): 175 (1987)—Australia (Victoria).
- amplifolia
subsp. sessiliflora (Blakely) L.A.S. Johnson & K.D. Hill in Telopea, 4(1): 52 (1990): *E. amplifolia* var. *sessiliflora*.
- ancophila *L.A.S. Johnson & K.D. Hill in Telopea*, 4(1): 82 (1990)—Australia (New South Wales).
- apothalassica *L.A.S. Johnson & K.D. Hill in Telopea*, 4(1): 84 (1990)—Australia (Queensland, New South Wales).
- aquatica *(Blakely) L.A.S. Johnson & K.D. Hill in Telopea*, 4(1): 56 (1990): *E. ovata* var. *aquatica*.
- arenacea *J.C. Marginson & P.Y. Ladiges in Austral. Syst. Bot.*, 1(2): 163 (1988)—Australia (Victoria, S. Australia).
- bensonii *L.A.S. Johnson & K.D. Hill in Telopea*, 4(1): 91 (1990)—Australia (New South Wales).
- beyeriana *L.A.S. Johnson & K.D. Hill in Telopea*, 4(1): 83 (1990)—Australia (New South Wales).
- biturbinata *L.A.S. Johnson & K.D. Hill in Fl. Australia*, 19: 507, 204 (1988)—Australia (New South Wales, Queensland).
- blackwelliana *D.J. Carr & S.G.M. Carr, Eucalyptus II, rubber cuticle & other studies Corymbosae*: 162 (1987)—Australia (W. Australia).
- brachycarpa *D.J. Carr & S.G.M. Carr, Eucalyptus II, rubber cuticle & other studies Corymbosae*: 223 (1987)—Australia (Queensland, New South Wales).
- brevipes *M.I.H. Brooker in Nuytsia*, 5(3): 365 (1986)—Australia (W. Australia).
- brunnea *L.A.S. Johnson & K.D. Hill in Telopea*, 4(1): 40 (1990)—Australia (New South Wales, Queensland).
- bynoeana *D.J. Carr & S.G.M. Carr, Eucalyptus II, rubber cuticle & other studies Corymbosae*: 266 (1987)—Australia (W. Australia).
- bynesii *D.J. Carr & S.G.M. Carr, Eucalyptus II, rubber cuticle & other studies Corymbosae*: 159 (1987)—Australia (W. Australia).
- cadens *J.D. Briggs & M.D. Crisp in Muelleria*, 7(1): 7 (1989)—Australia (Victoria).
- camphora
subsp. humeana L.A.S. Johnson & K.D. Hill in Telopea, 4(1): 55 (1990)—Australia (New South Wales, Victoria).
- subsp. relictata L.A.S. Johnson & K.D. Hill in Telopea*, 4(1): 54 (1990)—Australia (Queensland, New South Wales).
- celastroides
subsp. virella M.I.H. Brooker in Nuytsia, 5(3): 359 (1986)—Australia (W. Australia).
- ceracea *M.I.H. Brooker & C.C. Done in Nuytsia*, 5(3): 382 (1986)—Australia (W. Australia).
- ceratocorys *(Blakely) L.A.S. Johnson & K.D. Hill in Fl. Australia*, 19: 508 (1988): *E. angulosa* var. *ceratocorys*.
- chloroclada *(Blakely) L.A.S. Johnson & K.D. Hill in Fl. Australia*, 19: 508 (1988): *E. dealbata* var. *chloroclada*.
- chlorophylla *M.I.H. Brooker & C.C. Done in Nuytsia*, 5(3): 389 (1986)—Australia (W. Australia).
- clarksoniana *D.J. Carr & S.G.M. Carr, Eucalyptus II, rubber cuticle & other studies Corymbosae*: 209 (1987)—Australia (Queensland).
- conjuncta *L.A.S. Johnson & K.D. Hill in Telopea*, 4(1): 93 (1990)—Australia (New South Wales).
- coolabah
subsp. arida (Blakely) L.A.S. Johnson & K.D. Hill in Telopea, 4(1): 66 (1990): *E. coolabah* var. *arida*.
- subsp. excerata L.A.S. Johnson & K.D. Hill in Telopea*, 4(1): 66 (1990)—Australia (Queensland, New South Wales).
- cretata *P.J. Lang & M.I.H. Brooker in J. Adelaide Bot. Gard.*, 13: 71 (1990)—Australia (S. Australia).
- croajingolensis *L.A.S. Johnson & K.D. Hill in Telopea*, 4(1): 99 (1990)—Australia (Victoria, New South Wales).
- curtipes *D.J. Carr & S.G.M. Carr, Eucalyptus II, rubber cuticle & other studies Corymbosae*: 149 (1987)—Australia (N. Terr., Queensland).
- dampieri *D.J. Carr & S.G.M. Carr, Eucalyptus II, rubber cuticle & other studies Corymbosae*: 260 (1987)—Australia (W. Australia).
- darwinensis *D.J. Carr & S.G.M. Carr, Eucalyptus II, rubber cuticle & other studies Corymbosae*: 131 (1987)—Australia (N. Terr., W. Australia).

EUCALYPTUS :-

- decolor *A.R. Bean & M.I.H. Brooker in Austrobaileya*, 3(1): 41 (1989)—Australia (Queensland).
- delegatensis
subsp. tasmaniensis D.J. Boland in Austral. Forest Res., 15(2): 177 (1985)—Tasmania.
- derbyensis *D.J. Carr & S.G.M. Carr, Eucalyptus II, rubber cuticle & other studies Corymbosae*: 189 (1987)—Australia (W. Australia).
- deserticola *D.J. Carr & S.G.M. Carr, Eucalyptus II, rubber cuticle & other studies Corymbosae*: 311 (1987), nom. nov., without replaced synonym ref.; *et in Fl. Australia*, 19: 495 (1988), with replaced synonym ref.: *E. desertorum D.J. Carr & S.G.M. Carr*.
- deuaensis *D.J. Boland & P.M. Gilmour in Brunonia*, 9(1): 105 (1987)—Australia (New South Wales).
- dissimulata *M.I.H. Brooker in Nuytsia*, 6(3): 332 (1988)—Australia (W. Australia).
- dolichocarpa *D.J. Carr & S.G.M. Carr, Eucalyptus II, rubber cuticle & other studies Corymbosae*: 216 (1987)—Australia (Queensland).
- dorrigoensis *(Blakely) L.A.S. Johnson & K.D. Hill in Telopea*, 4(1): 63 (1990): *E. benthamii* var. *dorrigoensis*.
- durackiana *D.J. Carr & S.G.M. Carr, Eucalyptus II, rubber cuticle & other studies Corymbosae*: 168 (1987)—Australia (W. Australia, N. Terr.).
- elaeophloia *J.A. Chappill, M.D. Crisp & S.M. Prober in Austral. Syst. Bot.*, 3(2): 275 (1990)—Australia (Victoria).
- ellipsoidea *D.J. Carr & S.G.M. Carr, Eucalyptus II, rubber cuticle & other studies Corymbosae*: 299 (1987)—Australia (Queensland).
- elliptica *(Blakely & McKie) L.A.S. Johnson & K.D. Hill in Telopea*, 4(1): 60 (1990): *E. mannifera* var. *elliptica*.
- erectifolia *M.I.H. Brooker & S.D. Hopper in Nuytsia*, 5(3): 351 (1986)—Australia (W. Australia).
- erubescens *D.J. Carr & S.G.M. Carr, Eucalyptus II, rubber cuticle & other studies Corymbosae*: 184 (1987)—Australia (N. Terr.).
- exilipes *M.I.H. Brooker & A.R. Bean in Brunonia*, 10(2): 189 (1987)—Australia (Queensland).
- famelica *M.I.H. Brooker & S.D. Hopper in Nuytsia*, 7(1): 12 (1989)—Australia (W. Australia).
- fergusonii
subsp. dorsiventralis L.A.S. Johnson & K.D. Hill in Telopea, 4(1): 80 (1990)—Australia (New South Wales).
- ferritcola *M.I.H. Brooker & W.B. Edgecombe in Nuytsia*, 5(3): 373 (1986)—Australia (W. Australia).
- fusiformis *D.J. Boland & D.A. Kleinig in Brunonia*, 10(2): 202 (1987)—Australia (New South Wales).
- greeniana *D.J. Carr & S.G.M. Carr, Eucalyptus II, rubber cuticle & other studies Corymbosae*: 123 (1987)—Australia (W. Australia, N. Terr., Queensland).
- hamersleyana *D.J. Carr & S.G.M. Carr, Eucalyptus II, rubber cuticle & other studies Corymbosae*: 256 (1987)—Australia (W. Australia).
- hesperis *D.J. Carr & S.G.M. Carr, Eucalyptus II, rubber cuticle & other studies Corymbosae*: 253 (1987)—Australia (W. Australia).
- horistes *L.A.S. Johnson & K.D. Hill in Fl. Australia*, 19: 509, 254 (1988)—Australia (W. Australia).
- hylandii *D.J. Carr & S.G.M. Carr, Eucalyptus II, rubber cuticle & other studies Corymbosae*: 199 (1987)—Australia (Queensland).
- var. *campestris D.J. Carr & S.G.M. Carr, Eucalyptus II, rubber cuticle & other studies Corymbosae*: 203 (1987)—Australia (Queensland).
- hypochlamydea *M.I.H. Brooker in Nuytsia*, 6(3): 328 (1988)—Australia (W. Australia).
- hypostomatica *L.A.S. Johnson & K.D. Hill in Telopea*, 4(1): 72 (1990)—Australia (New South Wales).
- infera *A.R. Bean in Austrobaileya*, 3(2): 291 (1990)—Australia (Queensland).
- interstans *L.A.S. Johnson & K.D. Hill in Telopea*, 4(1): 47 (1990)—Australia (New South Wales, Queensland).
- kakadu *D.J. Carr & S.G.M. Carr, Eucalyptus II, rubber cuticle & other studies Corymbosae*: 138 (1987)—Australia (N. Terr., W. Australia).

EUCALYPTUS :-

- kochii
subsp. plenissima (Gardner) M.I.H. Brooker in Austral. J. Bot., 36(2): 129 (1988): *E. oleosa* var. *plenissima*.
- kumarlensis *M.I.H. Brooker in Nuytsia*, 6(3): 333 (1988)—Australia (W. Australia).
- lamprophylla *M.I.H. Brooker & A.R. Bean in Brunonia*, 10(2): 195 (1987)—Australia (Queensland).
- latens *M.I.H. Brooker in Nuytsia*, 6(3): 332 (1988)—Australia (W. Australia).
- lateritica *M.I.H. Brooker & S.D. Hopper in Nuytsia*, 5(3): 346 (1986)—Australia (W. Australia).
- latuscula *(Blakely) L.A.S. Johnson & K.D. Hill in Telopea*, 4(1): 102 (1990): *E. moorei* var. *latuscula*.
- litorea *M.I.H. Brooker & S.D. Hopper in Nuytsia*, 7(1): 10 (1989)—Australia (W. Australia).
- longirostrata *(Blakely) L.A.S. Johnson & K.D. Hill in Fl. Australia*, 19: 509 (1988): *E. punctata* var. *longirostrata*.
- magnificata *L.A.S. Johnson & K.D. Hill in Telopea*, 4(1): 72 (1990)—Australia (New South Wales, Queensland).
- nandewarica *L.A.S. Johnson & K.D. Hill in Telopea*, 4(1): 52 (1990)—Australia (New South Wales).
- nobilis *L.A.S. Johnson & K.D. Hill in Telopea*, 4(1): 59 (1990)—Australia (New South Wales, Queensland).
- novoguineensis *D.J. Carr & S.G.M. Carr, Eucalyptus II, rubber cuticle & other studies Corymbosae*: 192 (1987)—New Guinea (Papua New Guinea), Australia (Queensland).
- olida *L.A.S. Johnson & K.D. Hill in Telopea*, 4(1): 103 (1990)—Australia (New South Wales).
- ocarpa *D.J. Carr & S.G.M. Carr, Eucalyptus II, rubber cuticle & other studies Corymbosae*: 277 (1987)—Australia (N. Terr.).
- ophitica *L.A.S. Johnson & K.D. Hill in Telopea*, 4(1): 67 (1990)—Australia (New South Wales).
- paniculata
subsp. matutina L.A.S. Johnson & K.D. Hill in Telopea, 4(1): 77 (1990)—Australia (New South Wales).
- perangunta *M.I.H. Brooker in Nuytsia*, 6(3): 330 (1988)—Australia (W. Australia).
- percostata *M.I.H. Brooker & P.J. Lang in J. Adelaide Bot. Gard.*, 13: 65 (1990)—Australia (S. Australia).
- pilbarensis *M.I.H. Brooker & W.B. Edgecombe in Nuytsia*, 5(3): 376 (1986)—Australia (W. Australia).
- placita *L.A.S. Johnson & K.D. Hill in Telopea*, 4(1): 80 (1990)—Australia (New South Wales).
- pocillum *D.J. Carr & S.G.M. Carr, Eucalyptus II, rubber cuticle & other studies Corymbosae*: 293 (1987)—Australia (Queensland).
- polyanthemos
subsp. vestita L.A.S. Johnson & K.D. Hill in Telopea, 4(1): 75 (1990)—Australia (Victoria, New South Wales).
- populnea
subsp. bimbil L.A.S. Johnson & K.D. Hill in Telopea, 4(1): 71 (1990)—Australia (New South Wales, Queensland).
- prava *L.A.S. Johnson & K.D. Hill in Telopea*, 4(1): 48 (1990)—Australia (New South Wales, Queensland).
- psammitica *L.A.S. Johnson & K.D. Hill in Telopea*, 4(1): 85 (1990)—Australia (New South Wales).
- pterocharpa *C. Gardner ex P.J. Lang in Fl. Australia*, 19: 510, 293 (1988)—Australia (W. Australia).
- radiata
subsp. sejuncta L.A.S. Johnson & K.D. Hill in Telopea, 4(1): 98 (1990), nom. nov.: *E. radiata* var. *subplatyphylla Blakely*.
- recurva *M.D. Crisp in Telopea*, 3(2): 223 (1988)—Australia (New South Wales).
- resinifera
subsp. hemilampra (F. Muell.) L.A.S. Johnson & K.D. Hill in Telopea, 4(1): 46 (1990): *E. hemilampra*.
- retinens *L.A.S. Johnson & K.D. Hill in Telopea*, 4(1): 56 (1990)—Australia (New South Wales).
- rhodops *D.J. Carr & S.G.M. Carr, Eucalyptus II, rubber cuticle & other studies Corymbosae*: 283 (1987)—Australia (Queensland).
- rigens *M.I.H. Brooker & S.D. Hopper in Nuytsia*, 7(1): 8 (1989)—Australia (W. Australia).

EUONYMUS (Celastrac.).

- fertilis
var. euryanthus (Hand.-Mazz.) C.Y. Chang in *Fl. Sichuanica*, 4: 261 (1988): *E. dielsianus* var. *euryanthus*.
 fortunei
f. albiflorus G. Murata in *Acta Phytotax. Geobot.*, 39(4-6): 149 (1988)—Japan.
 hamiltonianus
var. pubinervis S.Z. Qu & Y.H. He in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 92 (1988)—China.
 hernandezii C.L. Lundell in *Phytologia*, 63(2): 73 (1987)—Mexico.
 jinggangshanensis M.X. Nie in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(4): 25 (1990)—China.
 lipoensis Z.R. Xu in *Acta Sci. Nat. Univ. Sunyatseni*, 1987(2): 44 (1987)—China.
 maackii
f. salicifolia T. Chen in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 159 (1986)—China.
 occidentalis
subsp. parishii (Trelease) R.M. Beauchamp in *Phytologia*, 59(7): 438 (1986): *E. parishii*.
 pashanensis S.Z. Qu & Y.H. He in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 95 (1988)—China.
 porphyreus
var. angustifolius L.C. Wang & X.G. Sun in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(4): 45 (1990)—China.
 sanguineus
var. lanceolatus S.Z. Qu & Y.H. He in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 95 (1988)—China.
 tobira C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 238 (1784)—Japan.†
 verrucosoides
var. apertus (Loes.) C.Y. Wu in *Fl. Xizangica*, 3: 121 (1986), without basionym fl.: *E. striatus* var. *apertus*.

EUPATORIUM (Compos.).

- chlorostylum B.L. Turner in *Phytologia*, 59(5): 323 (1986)—Mexico.
 corvi (McVaugh) B.L. Turner in *Phytologia*, 67(4): 337 (1989): *Eupatorium corvi*.

EUPATORIUM (Compos.).

- breedlovei (King & H. Rob.) B.L. Turner in *Phytologia*, 64(1): 13 (1987): *Chromolaena breedlovei*.
 breedlovei (King & H. Robins.) B.L. Turner in *Phytologia*, 67(2): 112 (1989) later homonym of B.L. Turner 1987: *Bartlettina breedlovei*.
 calderonii B.L. Turner in *Phytologia*, 67(2): 111 (1989)—Mexico.
 cronquistii (King & H. Robins.) B.L. Turner in *Phytologia*, 67(2): 112 (1989): *Bartlettina cronquistii*.
 cymuliferum (B.L. Robins.) B.L. Turner in *Phytologia*, 67(4): 337 (1989): *Brickellia cymulifera*.
 dibollii (King & H. Robins.) B.L. Turner in *Phytologia*, 67(4): 338 (1989): *Kyrsteniopsis dibollii*.
 enigmaticum B.L. Turner in *Phytologia*, 67(4): 337 (1989), nom. nov.: *Fleischmannia guatemalensis* King & H. Robins.
 guerreroanum (B. Turner) B.L. Turner in *Phytologia*, 68(3): 167 (1990): *Koanophyllon guerreroana*.
 heathiae B.L. Turner in *Phytologia*, 69(2): 122 (1990)—Mexico.
 hintonii (King & H. Robins.) B.L. Turner in *Phytologia*, 67(2): 112 (1989): *Bartlettina hintonii*.
 japonicum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 737 (1784)—Japan.†
 lundellii (King & H. Rob.) B.L. Turner in *Phytologia*, 64(1): 13 (1987): *Chromolaena lundellii*.
 macdougallii (King & H. Robins.) B.L. Turner in *Phytologia*, 67(2): 112 (1989): *Bartlettina macdougallii*.
 maculatum
subsp. bruneri (Gray) G.W. Douglas in *Canad. J. Bot.*, 64(11): 2726 (1986): *E. bruneri*.
 matudae (King & H. Robins.) B.L. Turner in *Phytologia*, 67(4): 338 (1989): *Fleischmannia matudae*.
 parviflorum
var. monticola A.T. Whitemore in *Sida*, 13(1): 78 (1988)—Jamaica.

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- ravenii (King & H. Robins.) B.L. Turner in *Phytologia*, 67(4): 338 (1989): *Koanophyllon ravenii*.
 reyrobinsonii (B. Turner) B.L. Turner in *Phytologia*, 67(4): 338 (1989): *Koanophyllon reyrobinsonii*.
 richardsonii (B. Turner) B.L. Turner in *Phytologia*, 67(4): 338 (1989): *Koanophyllon richardsonii*.
 rzedowskii (B. Turner) B.L. Turner in *Phytologia*, 68(3): 167 (1990): *Koanophyllon rzedowskii*.
 siltepecanum B.L. Turner in *Phytologia*, 69(2): 123 (1990)—Mexico.
 surutatoanum B.L. Turner in *Phytologia*, 68(3): 167 (1990), nom. nov.: *Koanophyllon sinaloensis* B. Turner.
 tamaulipasense (King & H. Rob.) B.L. Turner in *Phytologia*, 64(1): 13 (1987): *Viereckia tamaulipasensis*.
 tanacetifolium
f. albiflorum N.I. Matzenbacher in *Comun. Mus. Cienc. PUCRGS Sér. Bot.*, 30-39: 118 (1985), without holotype—Brazil.
 tenejanum B.L. Turner in *Phytologia*, 68(3): 167 (1990), nom. nov.: *Bartlettina breedlovei* King & H. Robins.
 yashanalense A.T. Whitemore in *Sida*, 13(1): 77 (1988)—Mexico.
 zacuapanum B.L. Turner in *Phytologia*, 67(4): 337 (1989), nom. nov.: *Fleischmannia purpusii* King & H. Robins.

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- subgen. Lacanthis* (Rafinesque) M.G. Gilbert in *Kew Bull.*, 42(1): 238 (1987): gen. *Lacanthis*.
ser. Lutescentes (Prokh.) A. Radcliffe-Smith in *Kew Mag.*, 4(3): 113 (1987): *E. subsect. Lutescentes*.
ser. Protophilae M.V. Klokov in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 98 (1976 publ. 1977).
ser. Purpuratae (Prokh.) A. Radcliffe-Smith in *Kew Mag.*, 4(3): 113 (1987): *E. subsect. Purpuratae*.
ser. Steposae O.N. Dubovik in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 104 (1976 publ. 1977).
 aaron-rossii A.H. Holmgren & N.H. Holmgren in *Brittonia*, 40(4): 357 (1988)—U.S.A. (Arizona).
 adnochila S. Carter in *Kew Bull.*, 45(4): 656 (1990)—Somali Republic.
 adenoptera
subsp. gundlachii (Urban) R.C.H.M. Oudejans in *Phytologia*, 67(1): 44 (1989): *E. gundlachii*.
subsp. pergamena (Small) R.C.H.M. Oudejans in *Phytologia*, 67(1): 44 (1989): *E. pergamena*.
 alainii R.C.H.M. Oudejans in *Phytologia*, 67(1): 44 (1989), nom. nov.: *Chamaesyce montana* Alain.
 alfredii W. Rauh in *Cact. Succ. J. (U.S.A.)*, 59(5): 209 (1987)—Madagascar.
 amandi R.C.H.M. Oudejans in *Phytologia*, 67(1): 44 (1989), nom. nov.: *E. minuta* R.A. Philippi.
 ambovombensis W. Rauh & A. Razafindratsira in *Cact. Succ. J. (U.S.A.)*, 59(6): 251 (1987)—Madagascar.
 amygdaloides
subsp. heldreichii (Orph. ex Boiss.) B. Aldén in *A. Strid (ed.)*, *Mount. Fl. Greece*, 1: 575 (1986): *E. heldreichii*.
subsp. robbiae (Turrill) C.A. Stace in *Watsonia*, 17(4): 443 (1989): *E. robbiae*.
 anthula G. Lavrentiades & K. Papanicolaou in *Sci. Ann. Fac. Phys. Math. Austroliian Univ. Thessaloniki*, 18(1): 120 (1978)—Greece.
 antonii R.C.H.M. Oudejans in *Phytologia*, 67(1): 44 (1989), nom. nov.: *E. lanceolata* D.A. Larranaga.
 apparicana C.T. Rizzini in *Rev. Brasil. Biol.*, 49(4): 992 (1989 publ. 1990)—Brazil.
 appendiculata Bally & S. Carter in *Euphorbia J.*, 5: 36 (1988)—Somali Republic.
 atroflora S. Carter in *Kew Bull.*, 42(2): 393 (1987)—Kenya.
 atropurpurea
f. lutea A. Santos in *Bot. Macaronésica*, 16: 32 (1988)—Canary Is.
 attastoma C.T. Rizzini in *Rev. Brasil. Biol.*, 49(4): 987 (1989 publ. 1990)—Brazil.
var. xanthochlora C.T. Rizzini in *Rev. Brasil. Biol.*, 49(4): 992 (1989 publ. 1990)—Brazil.
 бага
var. parvifolia L.E. Newton in *Bot. J. Linn. Soc.*, 94(4): 464 (1987)—Ghana.

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- barnesii (Millsbaugh) R.C.H.M. Oudejans in *Phytologia*, 67(1): 44 (1989): *Adenopetalum barnesii*.
 bayeri L.C. Leach in *S. Afr. J. Bot.*, 54(6): 539 (1988)—South Africa (Cape Province).
 begoniifolia Lehm., *Sem. Hort. Bot. Hamb.*, 1823: 8 (1824); *Linnaea* 3, Lit.: 9 (1828); cf. D.J. Mabberley in *Taxon*, 32(1): 85 (1983)—Locality not stated.
 betulicortex M.G. Gilbert in *Kew Bull.*, 45(2): 272 (1990)—Ethiopia.
 biharamulensis S. Carter in *Kew Bull.*, 42(3): 675 (1987)—Tanzania.
 blatteri R.C.H.M. Oudejans in *Phytologia*, 67(1): 44 (1989), nom. nov.: *E. helioscopioides* E. Blatter.
 borenensis M.G. Gilbert in *Kew Bull.*, 42(2): 391 (1987)—Ethiopia, Kenya.
 breviarticulata
var. trunciformis S. Carter in *Kew Bull.*, 42(3): 676 (1987)—Kenya, Ethiopia.
 bruntii (Proctor) R.C.H.M. Oudejans in *Phytologia*, 67(1): 44 (1989): *Chamaesyce bruntii*.
 bussei
var. kibwezensis (N.E. Br.) S. Carter in *Kew Bull.*, 42(3): 678 (1987): *E. kibwezensis*.
 bwambensis S. Carter in *Kew Bull.*, 42(3): 681 (1987)—Uganda.
 caespitosa
var. ventanica (Croizat) R. Subils in *Kurtziana*, 10: 209 (1977): *E. caespitosa* subsp. *ventanica*.
 candellabrum
var. bilocularis (N.E. Br.) S. Carter in *Kew Bull.*, 42(3): 681 (1987): *E. bilocularis*.
 carinata (Haw.) Salm-Dyck, *Index Pl. Succ. Hort. Dyck.*: 24 (1822); cf. D.J. Mabberley in *Taxon*, 30(1): 16 (1981): *Basionym* not stated.
 carinulata Bally & S. Carter in *Euphorbia J.*, 5: 36 (1988)—Somali Republic.
 catamarcensis (Croizat) R. Subils in *Kurtziana*, 10: 150 (1977): *Chamaesyce catamarcensis*.
 cataractarum S. Carter in *Kew Bull.*, 42(2): 379 (1987)—Tanzania, Zambia.
 caucasica O.N. Dubovik in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 96 (1976 publ. 1977)—U.S.S.R. (Caucasus).
 celastroides
var. arenisaxosa H. St. John in *Phytologia*, 63(6): 466 (1987)—Hawaiian Is.
var. limahuliensis H. St. John in *Phytologia*, 64(6): 487 (1988)—Hawaiian Is.
var. tomentella (Boissier) R.C.H.M. Oudejans in *Phytologia*, 67(1): 44 (1989): *E. multiformis* var. *tomentella*.
 chapmanii R.C.H.M. Oudejans in *Phytologia*, 67(1): 44 (1989), nom. nov.: *E. nudicaulis* A.W. Chapman.
 chiogenes (Small) R.C.H.M. Oudejans in *Phytologia*, 67(1): 44 (1989): *Chamaesyce chiogenes*.
 citrina S. Carter in *Kew Bull.*, 45(2): 331 (1990)—Zimbabwe, Mozambique.
 collina
var. andina (Phil.) R. Subils in *Kurtziana*, 10: 214 (1977): *E. andina*.
var. chrysophylla (Klotzsch & Garcke) R. Subils in *Kurtziana*, 10: 215 (1977): *Tithymalus chrysophyllus*.
var. glaucescens (Chod. & Wilczek) R. Subils in *Kurtziana*, 10: 217 (1977): *E. portulacoides* var. *glaucescens*.
var. minor (Hicken) R. Subils in *Kurtziana*, 10: 218 (1977): *E. portulacoides* var. *minor*.
var. nahuelhuapina (Croizat) R. Subils in *Kurtziana*, 10: 219 (1977): *E. portulacoides* subsp. *nahuelhuapina*.
var. patagonica (Hieron.) R. Subils in *Kurtziana*, 10: 219 (1977): *E. patagonica*.
var. spatulata (Chod. & Wilcz.) R. Subils in *Kurtziana*, 10: 220 (1977): *E. portulacoides* var. *spatulata*.
 conferta (Small) R.C.H.M. Oudejans in *Phytologia*, 67(1): 44 (1989): *Chamaesyce conferta*.
 cordatella R.C.H.M. Oudejans in *Phytologia*, 67(1): 45 (1989), nom. nov.: *E. cordata* D.A. Larranaga.
 cowellii (Millsbaugh ex Britton) R.C.H.M. Oudejans in *Phytologia*, 67(1): 45 (1989): *Chamaesyce cowellii*.
 crebrifolia S. Carter in *Kew Bull.*, 45(2): 334 (1990)—Zimbabwe, Mozambique.

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- cryptocaulis M.G. Gilbert in *Kew Bull.*, 42(1): 231 (1987)—Ethiopia.
 cumulicola (Small) R.C.H.M. Oudejans in *Phytologia*, 67(1): 45 (1989): Chamaesyce cumulicola.
 cupripina S. Carter in *Kew Bull.*, 42(2): 378 (1987)—Kenya.
 dalettiensis M.G. Gilbert in *Kew Bull.*, 42(2): 391 (1987)—Ethiopia.
 damasoi R.C.H.M. Oudejans in *Phytologia*, 67(1): 45 (1989), nom. nov.: E. ovata D.A. Larranaga.
 dauana S. Carter in *Kew Bull.*, 42(2): 376 (1987)—Kenya.
 davidii R. Subils in *Kurtziana*, 17: 125 (1984)—Argentina.
 decaryi
 var. spirosticha W. Rauh & G. Buchloh in *Cact. Succ. J. (U.S.A.)*, 59(1): 9 (1987)—Madagascar.
 delicatissima S. Carter in *Kew Bull.*, 45(2): 328 (1990)—Zimbabwe.
 deltoidea
 var. adhaerens (Small) R.C.H.M. Oudejans, *World cat. of sp. names publ. in tribe Euphorbieae (Euphorbiac.) with geogr. distrib.*: 5 (1990): Chamaesyce adhaerens.
 var. serpyllum (Small) R.C.H.M. Oudejans in *Phytologia*, 67(1): 45 (1989): Chamaesyce serpyllum.
 denisii R.C.H.M. Oudejans in *Phytologia*, 67(1): 45 (1989), nom. nov.: E. obcordata M. Denis.
 depauperata
 var. tsetserrensis S. Carter in *Kew Bull.*, 45(2): 336 (1990)—Zimbabwe, Mozambique.
 discrepans S. Carter in *Kew Bull.*, 42(2): 380 (1987)—Tanzania.
 doloensis M.G. Gilbert in *Kew Bull.*, 45(2): 271 (1990)—Ethiopia.
 donii R.C.H.M. Oudejans in *Phytologia*, 67(1): 45 (1989), nom. nov.: E. longifolia D. Don.
 dubovikii R.C.H.M. Oudejans in *Phytologia*, 67(1): 45 (1989), nom. nov.: E. pinetorum Dubovik.
 duckei (Croizat) R.C.H.M. Oudejans in *Phytologia*, 67(1): 45 (1989): Chamaesyce duckei.
 ephedroides
 var. debilis L.C. Leach in *S. Afr. J. Bot.*, 56(1): 73 (1990)—Namibia.
 var. imminuta L.C. Leach & G. Williamson in *S. Afr. J. Bot.*, 56(1): 72 (1990)—South Africa (Cape Province).
 epilobiifolia W.T. Wang in *Acta Bot. Yunnanica*, 10(1): 46 (1988)—China.
 exilis L.C. Leach in *S. Afr. J. Bot.*, 56(1): 76 (1990)—South Africa (Cape Province).
 exilispina S. Carter in *Kew Bull.*, 42(2): 382 (1987)—Tanzania.
 fissispina Bally & S. Carter in *Kew Bull.*, 42(2): 375 (1987)—Ethiopia.
 furcatifolia M.G. Gilbert in *Kew Bull.*, 45(2): 266 (1990)—Ethiopia.
 gentilis
 subsp. tanquana L.C. Leach in *S. Afr. J. Bot.*, 54(6): 538 (1988)—South Africa (Cape Province).
 georgei R.C.H.M. Oudejans in *Phytologia*, 67(1): 45 (1989), nom. nov.: E. acuta G. Engelmann.
 glandularis L.C. Leach & G. Williamson in *S. Afr. J. Bot.*, 56(1): 75 (1990)—South Africa (Cape Province).
 globulicaulis S. Carter in *Kew Bull.*, 45(4): 655 (1990)—Somali Republic.
 graminifolia
 subsp. tommasiniana (Bertoloni) R.C.H.M. Oudejans in *Phytologia*, 67(1): 45 (1989): E. tommasiniana.
 subsp. zhiguliensis (Prokhanov) R.C.H.M. Oudejans in *Phytologia*, 67(1): 45 (1989): Galarhoecus zhiguliensis.
 greenwayi
 subsp. breviculeata S. Carter in *Kew Bull.*, 42(2): 381 (1987)—Tanzania.
 griffithii
 var. bhutanica (Fischer) D.G. Long in *Notes Roy. Bot. Gard. Edinburgh*, 44(1): 167 (1986): E. sikkimensis subsp. bhutanica.
 hamiltonii R.C.H.M. Oudejans in *Phytologia*, 67(1): 46 (1989), nom. nov.: E. angustifolia Hamilton ex D. Don.
 heishuiensis W.T. Wang in *Acta Bot. Yunnanica*, 10(1): 42 (1988)—China.

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- helioscopia
 subsp. hiemalis A.P. Khokhryakov in *Byull. Mosk. Obsch. Ispyt. Prir., Biol.*, 94(6): 96 (1989)—U.S.S.R. (Caucasus).
 heraldiana (Millspaugh) R.C.H.M. Oudejans in *Phytologia*, 67(1): 46 (1989): Chamaesyce heraldiana.
 herbstii (Wagner) R.C.H.M. Oudejans in *Phytologia*, 67(1): 46 (1989): Chamaesyce herbstii.
 heterochroma
 subsp. tsavoensis S. Carter in *Kew Bull.*, 42(2): 387 (1987)—Kenya.
 heterospina S. Carter in *Kew Bull.*, 42(2): 389 (1987)—Kenya, Uganda.
 subsp. baringoensis S. Carter in *Kew Bull.*, 42(2): 390 (1987)—Kenya.
 hiernii (Croizat) R.C.H.M. Oudejans in *Phytologia*, 67(1): 46 (1989): Elaeophorbia hiernii.
 hieronymi R. Subils in *Kurtziana*, 10: 221 (1977), nom. nov.: E. dioica Hieronymus.
 hirsuta
 var. leucotricha (Boissier) R.C.H.M. Oudejans, *World cat. of sp. names publ. in tribe Euphorbieae (Euphorbiac.) with geogr. distrib.*: 5 (1990): E. leucotricha.
 holochlorina C.T. Rizzini in *Rev. Brasil. Biol.*, 49(4): 983 (1989 publ. 1990)—Brazil.
 humifusa
 f. glabra (Thell.) S.Z. Liou in *Fl. Liaoningica*, chief ed. S.X. Li, 1: 1016 (1988): E. humifusa var. glabra.
 f. pilosa (Thell.) S.Z. Liou in *Fl. Liaoningica*, chief ed. S.X. Li, 1: 1016 (1988): E. humifusa var. pilosa.
 hurusawae R.C.H.M. Oudejans in *Phytologia*, 67(1): 46 (1989), nom. nov.: E. barbellata I. Hurusawa.
 var. imaii (Hurusawa) R.C.H.M. Oudejans in *Phytologia*, 67(1): 46 (1989): E. imaii.
 hypericifolia
 var. coimbatorensis M. Chandrabose in *M. Chandrabose & N.C. Nair, Fl. Coimbatore*: 266 (1988)—India.
 inaequilatera
 var. spanothrix S. Carter in *Kew Bull.*, 42(2): 370 (1987)—Kenya, Tanzania.
 inaguaensis R.C.H.M. Oudejans in *Phytologia*, 67(1): 46 (1989), nom. nov.: E. abbreviata D.S. Correll.
 jasiowiczii (Chrték & Křisa) O.N. Dubovik in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1975: 114 (1975 publ. 1976), without basionym page: Tithymalus jasiowiczii.
 jessonii R.C.H.M. Oudejans, *World cat. of sp. names publ. in tribe Euphorbieae (Euphorbiac.) with geogr. distrib.*: 5 (1990), nom. nov.: E. sinensis Jesson & Turrill.
 josei R.C.H.M. Oudejans in *Phytologia*, 67(1): 46 (1989), nom. nov.: E. litoralis M. Sessé & J.M. Mocino.
 kangdingensis W.T. Wang in *Acta Bot. Yunnanica*, 10(1): 43 (1988)—China.
 var. puberula W.T. Wang in *Acta Bot. Yunnanica*, 10(1): 45 (1988)—China.
 kansui Liou ex S.B. Ho in *Fl. Tsinlingensis*, 1(3): 450, 162 (1981)—China.
 karibensis S. Carter in *Kew Bull.*, 45(2): 330 (1990)—Zimbabwe, Zambia.
 kiritensis Bally & S. Carter in *Euphorbia J.*, 5: 35 (1988)—Somali Republic.
 klotzschii R.C.H.M. Oudejans in *Phytologia*, 67(1): 46 (1989), nom. nov.: E. ovalifolia (Engelmann ex Klotzsch) Boissier.
 kondoi W. Rauh & Razafindratsira in *Cact. Succ. J. (U.S.A.)*, 61(3): 113 (1989)—Madagascar.
 kotovii M.V. Klokov in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 102 (1976 publ. 1977)—U.S.S.R. (Crimea).
 laikipiensis S. Carter in *Kew Bull.*, 42(2): 373 (1987)—Kenya.
 larranagae R.C.H.M. Oudejans in *Phytologia*, 67(1): 46 (1989), nom. nov.: E. rupestris D.A. Larranaga.
 leoncroizatii R.C.H.M. Oudejans in *Phytologia*, 67(1): 46 (1989), nom. nov.: E. croizatii (Hurusawa) M. Kitagawa.
 limaensis R.C.H.M. Oudejans in *Phytologia*, 67(1): 47 (1989), nom. nov.: E. inornata (Dressler) A. Radcliffe-Smith.

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- lumbicalis L.C. Leach in *S. Afr. J. Bot.*, 52(4): 369 (1986)—South Africa (Cape Province).
 luteoviridis D.G. Long in *Notes Roy. Bot. Gard. Edinburgh*, 44(1): 163 (1986), as 'luteo-viridis'—Sikkim, Nepal, India, Xizang.
 lutulenta (Croizat) R.C.H.M. Oudejans in *Phytologia*, 67(1): 47 (1989): Chamaesyce lutulenta.
 magnicapula S. Carter in *Kew Bull.*, 42(3): 678 (1987)—Tanzania, Kenya.
 var. lacertosa S. Carter in *Kew Bull.*, 42(3): 679 (1987)—Kenya, Uganda.
 mairei
 var. luteociliata W.T. Wang in *Acta Bot. Yunnanica*, 10(1): 40 (1988)—China.
 marianoi R.C.H.M. Oudejans in *Phytologia*, 67(1): 47 (1989), nom. nov.: E. pulchella M. Sessé & J.M. Mocino.
 ×martinii
 nothosubsp. cornubiensis (A. Radcliffe-Smith) A. Radcliffe-Smith in *Taxon*, 35(2): 349 (1986): E. × cornubiensis. (E. amygdaloides × characias subsp. wulfenii).
 mazatlensis R.C.H.M. Oudejans in *Phytologia*, 67(1): 47 (1989), nom. nov.: E. triflora M. Sessé & J.M. Mocino.
 micractina
 var. tangutica (Proch.) W.T. Wang in *Acta Bot. Yunnanica*, 10(1): 41 (1988): E. tangutica.
 minima Mart., *Hort. Acad. Erlangen*: 105 (1814); cf. D.J. Mabberley in *Taxon*, 33(3): 442 (1984)—Locality not stated.
 minxianensis W.T. Wang in *Acta Bot. Yunnanica*, 10(1): 43 (1988)—China.
 mira L.C. Leach in *S. Afr. J. Bot.*, 52(1): 10 (1986)—South Africa (Cape Province).
 mocinoi R.C.H.M. Oudejans in *Phytologia*, 67(1): 47 (1989), nom. nov.: E. peltata M. Sessé & J.M. Mocino.
 monadenioides M.G. Gilbert in *Kew Bull.*, 42(1): 233 (1987)—Ethiopia, Uganda.
 myrsinites
 subsp. rechingeri (Greuter) B. Aldén in A. Strid (ed.), *Mount. Fl. Greece*, 1: 570 (1986): E. rechingeri.
 nicaeensis
 subsp. maleevii (Tamamshyan) R.C.H.M. Oudejans in *Phytologia*, 67(1): 47 (1989): E. maleevii.
 nicholasii R.C.H.M. Oudejans in *Phytologia*, 67(1): 47 (1989), nom. nov.: Elaeophorbia acuta N.E. Brown.
 nogalensis (Hässler) S. Carter in *Euphorbia J.*, 5: 37 (1988): E. somalensis var. nogalensis.
 novorossica O.N. Dubovik in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1975: 111 (1975 publ. 1976)—U.S.S.R. (Caucasus).
 nyassae
 subsp. mentiens S. Carter in *Kew Bull.*, 42(2): 379 (1987)—Zambia, Tanzania.
 nyikae
 var. neovolkensii (Pax) S. Carter in *Kew Bull.*, 42(3): 677 (1987): E. neovolkensii.
 ocellata
 subsp. arenicola (Parish) R.C.H.M. Oudejans in *Phytologia*, 67(1): 47 (1989): E. arenicola.
 subsp. rattanii (Watson) R.C.H.M. Oudejans in *Phytologia*, 67(1): 47 (1989): E. rattanii.
 officinarum
 var. hernandezpachecoi (Caballero) R.C.H.M. Oudejans, *World cat. of sp. names publ. in tribe Euphorbieae (Euphorbiac.) with geogr. distrib.*: 5 (1990): E. hernandezpachecoi.
 omariana M.G. Gilbert in *Kew Bull.*, 45(2): 268 (1990)—Ethiopia.
 oranensis (Croizat) R. Subils in *Kurtziana*, 10: 144 (1977): Chamaesyce oranensis.
 orbiculifolia S. Carter in *Kew Bull.*, 45(4): 653 (1990)—Oman.
 orbifolia (Alain) R.C.H.M. Oudejans in *Phytologia*, 67(1): 47 (1989): Chamaesyce orbifolia.
 padifolia (L.) Salm-Dyck, *Index Pl. Succ. Hort. Dyck.*: 24 (1822); cf. D.J. Mabberley in *Taxon*, 30(1): 16 (1981): Basionym not stated.
 pandurata Huber, *Cat. Gén. 1871 & 1872*: 3 (1871); cf. D.J. Mabberley in *Taxon*, 34(3): 450 (1985)—Locality not stated.
 papillaris (Boiss.) M. Raffaelli & C. Ricceri in *Webbia*, 42(1): 7 (1988): E. bivonae var. papillaris.

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- capillosa
var. erythrorrhiza (Boiss.) R. Subils in Kurtziana, 10: 230 (1977): E. erythrorrhiza.
- paredonensis (Millsbaugh) R.C.H.M. Oudejans in *Phytologia*, 67(1): 47 (1989): Chamaesyce paredonensis.
- parodii R.C.H.M. Oudejans in *Phytologia*, 67(1): 47 (1989), nom. nov.: E. angustifolia D. Parodi.
- parvicyathophora W. Rauh in *Cact. Succ. J. (U.S.A.)*, 58(4): 143 (1986)—Madagascar.
- pedemontana L.C. Leach in *S. Afr. J. Bot.*, 54(5): 501 (1988)—South Africa (Cape Province).
- petaloides G. Don f. in *Loud., Hort. Brit.*: 192 (1830); cf. D.J. Mabberley in *Taxon*, 31(1): 70 (1982)—Locality not stated.
- pinetorum O.N. Dubovik in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 105 (1976 publ. 1977)—U.S.S.R. (Caucasus).
- polygalifolia
subsp. vasconensis Vivant ex M. Kerguelen in *Lejeunia*, 120: 93 (1987)—France.
- porteriana (Small) R.C.H.M. Oudejans in *Phytologia*, 67(1): 48 (1989): Chamaesyce porteriana.
var. keyensis (Small) R.C.H.M. Oudejans in *Phytologia*, 67(1): 48 (1989): Chamaesyce keyensis.
var. scoparia (Small) R.C.H.M. Oudejans in *Phytologia*, 67(1): 48 (1989): Chamaesyce scoparia.
- portucasadiana (Croizat) R. Subils in Kurtziana, 10: 163 (1977): Chamaesyce portucasadiana.
- pterococca
var. pilosa J.J. Lazare & A. Charpin in *Saussurea*, 19: 17 (1988 publ. 1989)—Spain, Portugal.
- quaitensis S. Carter in *Candollea*, 43(2): 564 (1988)—South Yemen.
- radians
var. stormiae (Croiz.) J. Rzedowski & G. Calderón de Rzedowski in *Cact. Suc. Mex.*, 32(4): 76 (1987): E. stormiae.
- radlkoferi R.C.H.M. Oudejans in *Phytologia*, 67(1): 48 (1989), nom. nov.: E. gracilis Radlkofer.
- raphilippii R.C.H.M. Oudejans in *Phytologia*, 67(1): 48 (1989), nom. nov.: E. lanceolata R.A. Philippi.
- reinhardtii
var. bilocularis (N.E. Brown) R.C.H.M. Oudejans, *World cat. of sp. names publ. in tribe Euphorbiae (Euphorbiac.) with geogr. distrib.*: 5 (1990): E. bilocularis.
- rochaensis (Croizat) E. Alonso Paz & E. Marchesi in *Comun. Bot. Mus. Hist. Nat. Montevideo*, 5(84): 1 (1988): Chamaesyce rochaensis.
- rochaensis (Croizat) R.C.H.M. Oudejans in *Phytologia*, 67(1): 48 (1989), isonym: Chamaesyce rochaensis.
- rockii
var. grandiflora (Hillebrand) R.C.H.M. Oudejans in *Phytologia*, 67(1): 48 (1989), typographic error; see *Phytologia*, 67(3): 236 (1989): E. clusiifolia var. grandiflora.
var. grandifolia (Hillebrand) R.C.H.M. Oudejans in *Phytologia*, 67(3): 236 (1989): E. clusiifolia var. grandifolia.
- roschianica (Ikonnikov) R.C.H.M. Oudejans in *Phytologia*, 67(1): 48 (1989): Tithymalus roschianus.
- rothrockii (Millsbaugh) R.C.H.M. Oudejans in *Phytologia*, 67(1): 48 (1989): Chamaesyce rothrockii.
- rubriseminalis S. Carter in *Candollea*, 43(2): 566 (1988)—South Yemen.
- rugosiflora L.C. Leach in *Kirkia*, 13(2): 319 (1990)—Zimbabwe.
- sarciana M.G. Gilbert in *Kew Bull.*, 45(2): 268 (1990)—Ethiopia.
- scarlatina S. Carter in *Kew Bull.*, 42(2): 392 (1987)—Kenya.
- schillingii A. Radcliffe-Smith in *Kew Mag.*, 4(3): 112 (1987)—Nepal.
- scyphadena S. Carter in *Kew Bull.*, 45(4): 657 (1990)—Somali Republic.
- selousiana S. Carter in *Kew Bull.*, 42(2): 369 (1987)—Tanzania.
- serpyllifolia
subsp. hirtula (Engelmann ex Watson) R.C.H.M. Oudejans in *Phytologia*, 67(1): 48 (1989): E. hirtula.

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- sessei R.C.H.M. Oudejans in *Phytologia*, 67(1): 48 (1989), nom. nov.: E. imbricata M. Sessé & J.M. Moçino.
- similiramea S. Carter in *Kew Bull.*, 42(2): 371 (1987)—Tanzania, Kenya.
- smallii R.C.H.M. Oudejans in *Phytologia*, 67(1): 48 (1989), nom. nov., without replaced synonym date; et in *Phytologia*, 67(3): 236 (1989), with replaced synonym date: Chamaesyce pinetorum J.K. Small.
- spissiflora S. Carter in *Kew Bull.*, 45(2): 331 (1990)—Zimbabwe, Zambia.
- squamigera
subsp. margalidiana (Kuhbier & Lewejohann) O. de Bolós & J. Vigo, *Fl. Països Catalans*, 2: 580 (1990), without exact basionym page: E. margalidiana.
- standleyi (Millsbaugh) R.C.H.M. Oudejans in *Phytologia*, 67(1): 49 (1989): Chamaesyce standleyi.
- subhastifolia M.V. Klokov in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 99 (1976 publ. 1977)—U.S.S.R. (Caucasus).
- sufflata P. Bruyns in *S. Afr. J. Bot.*, 56(1): 129 (1990)—South Africa (Cape Province).
- sultan-hassei A. Strid, B. Bentzer, R. von Bothmer, L. Engstrand & M. Gustafsson in *Willdenowia*, 19(1): 63 (1989)—Crete.
- systyloides
subsp. porcaticapsa S. Carter in *Kew Bull.*, 45(2): 336 (1990)—Zimbabwe, Zambia, Malawi, Mozambique.
- taihsiensis (Chav. & Koutnik) R.C.H.M. Oudejans, *World cat. of sp. names publ. in tribe Euphorbiae (Euphorbiac.) with geogr. distrib.*: 5 (1990): Chamaesyce taihsiensis.
- taiwaniana S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 2: 685 (1987)—Taiwan.
- talaina A. Radcliffe-Smith in *Kew Bull.*, 41(2): 319 (1986)—Pakistan.
- tamaulipasana (Millsbaugh) R.C.H.M. Oudejans in *Phytologia*, 67(1): 49 (1989): Chamaesyce tamaulipasana.
- taruensis S. Carter in *Kew Bull.*, 42(2): 377 (1987)—Kenya.
- tenuispinosa
var. robusta Bally & S. Carter in *Kew Bull.*, 42(2): 377 (1987)—Kenya.
- tortilis Rottler ex W. Ainslie, *Materia indica*, 2: 424 (1826); fide D.J. Mabberley in *Taxon*, 26(5-6): 536 (1977)—India.
- triphyllo (Klotzsch & Garcke ex Klotzsch) R.C.H.M. Oudejans in *Phytologia*, 67(1): 49 (1989): Eumecanthus triphyllus.
- tulearensis (Rauh) W. Rauh in *Cact. Succ. J. (U.S.A.)*, 60(4): 184 (1988): E. cap-saintemariensis var. tulearensis.
- uniglans M.G. Gilbert in *Kew Bull.*, 45(2): 273 (1990)—Ethiopia.
- urbanii (Millsbaugh) R.C.H.M. Oudejans in *Phytologia*, 67(1): 49 (1989): Chamaesyce urbanii.
- vaalputsiana L.C. Leach in *S. Afr. J. Bot.*, 54(6): 534 (1988)—South Africa (Cape Province).
- villifera W.T. Wang in *Acta Bot. Yunnanica*, 10(1): 42 (1988)—China.
- waldsteini
subsp. jaxartica (Prokhanov) R.C.H.M. Oudejans in *Phytologia*, 67(1): 49 (1989): Tithymalus jaxarticus.
subsp. orientalis (Boissier) R.C.H.M. Oudejans, *World cat. of sp. names publ. in tribe Euphorbiae (Euphorbiac.) with geogr. distrib.*: 5 (1990): E. virgata var. orientalis.
- wangii R.C.H.M. Oudejans in *Phytologia*, 67(1): 49 (1989), nom. nov.: E. villifera Wang.
- wootonii R.C.H.M. Oudejans in *Phytologia*, 67(1): 49 (1989), nom. nov.: Zygophyllidium delicatulum E.O. Wooton & P.C. Standley.
- yanjinensis W.T. Wang in *Acta Bot. Yunnanica*, 10(1): 45 (1988)—China.
- yinshana S.Q. Zhou & G.H. Liu in *Acta Phytotax. Sin.*, 27(1): 77 (1989)—China.
- yunnanensis A. Radcliffe-Smith in *Kew Bull.*, 45(3): 569 (1990)—China.

EUPHORIANTHUS (Sapindac.).

- euneurus (Miq.) P.W. Leenhouts in *Blumea*, 33(1): 198 (1988): Dysoxylum euneuron.

EUPHRASIA (Scrophulariac.).

- alpina
subsp. asturica (Pugsley) H.S. Nava Fernández & M.A. Fernández Casado in *An. Jard. Bot. Madrid*, 43(1): 180 (1986): E. asturica.
- amphisepala W.R. Barker in *J. Adelaide Bot. Gard.*, 10(2): 204 (1987)—Tasmania.
- pseudopaucifolia T. Siddiqui & M. Qaiser in *Candollea*, 44(2): 525 (1989)—India, Pakistan.

EUPHRONIA (Trigoniac.).

- acuminatissima J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(1): 91 (1987)—Venezuela.

EURYA (Theac.).

- arunachalensis A.S. Chauhan in *Indian J. Forest.*, 13(1): 76 (1990)—India.

- ×EURYGRAECUM hort. in *Orchid Rev.*, 95(1121): centre page pull-out p. 9 (1987). ORCHIDACEAE. (Angraecum × Eurychone).

EUSCAPHIS (Staphyleac.).

- japonica
var. pubescens P.L. Chiu & G.R. Zhong in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 106 (1988)—China.

- EUTHRYPTOCHLOA T.A. Cope in *Kew Bull.*, 42(3): 707 (1987). GRAMINEAE.

- longiligula T.A. Cope in *Kew Bull.*, 42(3): 707 (1987)—China.

EUTREMA (Crucif.).

- edwardsii
var. heterophyllum (W.W. Smith) W.T. Wang in *Acta Bot. Yunnanica*, 9(1): 18 (1987): Braya heterophylla.
koreana (Nak.) K. Hammer in *Kulturpflanze*, 34: 98 (1986): Wasabia koreana.
obliquum K.C. Kuan & An in *Fl. Xizangica*, 2: 399 (1985)—Xizang.

EVAX (Compos.).

- libyaca S.A. Alavi in *Fl. Libya*, 107: 51 (1983)—Libya.

EVODIELLA (Rutac.).

- muelleri
f. dinggi J.F. Veldkamp & R.J. Rouwenhorst in *Blumea*, 32(1): 203 (1987), nom. nov.: E. hooglandii B.L. v.d. Linden.
f. kanange J.F. Veldkamp & R.J. Rouwenhorst in *Blumea*, 32(1): 204 (1987)—New Guinea (Papua New Guinea).
velutina J.F. Veldkamp in *Blumea*, 32(1): 205 (1987)—New Guinea (Papua New Guinea).

EVODIOPANAX (Araliac.).

- evodiifolius
var. glaucus (Feng) H. Ohashi in *J. Jap. Bot.*, 62(12): 362 (1987): A. evodiaefolius var. glaucus.
var. pseudoevodiifolius (Feng) H. Ohashi in *J. Jap. Bot.*, 62(12): 362 (1987): A. evodiaefolius var. pseudo-evodiaefolius.

EVOLVULUS (Convolvulac.).

- choapanus A. McDonald in *Phytologia*, 65(2): 152 (1988)—Mexico.
yunnanensis S.H. Huang in *Acta Phytotax. Sin.*, 24(1): 17 (1986)—China.

EVOSMA (Loganiac.).

- latifolia (Aubl.) Sterler, *Hort. Nymph.*: 46 (1821); cf. D.J. Mabberley in *Taxon*, 33(3): 442 (1984): Coussapoa latifolia.

EVRARDIA (Orchidac.).

- asraoa J. Joseph & N.R. Abbareddy in *Bull. Bot. Surv. India*, 25(1-4): 232 (1983 publ. 1985)—India.

- EVRARDIANA L.V. Aver'yanov in *Bot. Zhurn.*, 73(3): 432 (1988), nom. nov.: Evrardia Gagnep. (Orchidac.).

- poilanei (Gagnep.) L.V. Aver'yanov in *Bot. Zhurn.*, 73(3): 432 (1988): Evrardia poilanei.

EXACUM (Gentianac.).

- decapterum *J. Klackenberg in Fl. Madagascar*, fam. 168 & 168 bis: 32 (1990)—Madagascar.
divaricatum
subsp. latifolium (*Klackenberg*) *J. Klackenberg in Fl. Madagascar*, fam. 168 & 168 bis: 58 (1990): *E. latifolium*.
sutaepense
f. gracile (*Toyokuni*) *H. Toyokuni in Acta Phytotax. Geobot.*, 36(4-6): 124 (1985): *E. sutaepense* var. *gracile*.

EXOCARPOS (Santalac.).

- montanus (*Stauff.*) *M.G. Baumann-Bodenheim, Syst. Fl. Neu-Caledonien*, 5: 76 (1989): *E. phyllanthoides* var. *montanus*.

EXODECONUS (Solanac.).

- maritima (*Benth.*) *W.G. D'Arcy in Solanaceae News.*, 2(4): 19 (1986): *Thinogeton* *maritima*.

F**FABA** (Legumin.).

- bona
subsp. equina (*Pers.*) *J. Soják in Čas. Nár. Muz. (Prague)*, 152(1): 21 (1983): *Vicia faba* β var. *equina*.
subsp. minuta (*Alef.*) *J. Soják in Čas. Nár. Muz. (Prague)*, 152(1): 21 (1983): *Faba vulgaris* var. *minuta*.

FACHEIROA (Cactac.).

- subgen. *Zehntnerella* (*Britton & Rose*) *P.J. Braun & E. Esteves Pereira in Kakt. And. Sukk.*, 37(3): 56 (1986): gen. *Zehntnerella*.
chaetacantha (*Ritter*) *P.J. Braun & E. Esteves Pereira in Kakt. And. Sukk.*, 40(8): 202 (1989): *Zehntnerella chaetacantha*.
var. *montaltoi* (*Ritter*) *P.J. Braun & E. Esteves Pereira in Kakt. And. Sukk.*, 40(8): 202 (1989): *Zehntnerella chaetacantha* var. *montaltoi*.
estesvii *P.J. Braun in Kakt. And. Sukk.*, 37(4): 79 (1986)—Brazil.
squamosa (*Guerke*) *P.J. Braun & E. Esteves Pereira in Kakt. And. Sukk.*, 40(8): 199 (1989): *Cereus squamosus*.
var. *polygona* (*Ritter*) *P.J. Braun & E. Esteves Pereira in Kakt. And. Sukk.*, 40(8): 202 (1989): *Zehntnerella polygona*.
tenebrosa *P. Braun & E. Esteves Pereira in Kakt. And. Sukk.*, 39(6): 131 (1988)—Brazil.

FADOGIA (Rubiac.).

- audruana* *M. Fay, J.-P. Lebrun & A.L. Stork in Bull. Mus. Nation. Hist. Nat., B. Adansonia, Ser. 4*, 8(1): 57 (1986)—Central African Republic.

FAGARA (Rutac.).

- aculeata* (*Ruiz & Pavón*) *J. Cuatrecasas in Fl. Neotrop.*, 2 Suppl.: 98 (1985): *Brunellia aculeata*.
chevalieri (*Waterm.*) *L. Aké Assi, Flore Côte d'Ivoire (Thesis)*, 2: 1041 (1984), illegit., superfl.; see also *Bull. Mus. Nation. Hist. Nat., B. Adansonia, Ser. 4*, 9(4): 460 (1987 publ. 1988): *Zanthoxylum chevalieri*.

FAGONIA (Zygophyllac.).

- indica*
var. *thomsonii* (*Giri & Nayar*) *M. Sharma, Punjab Plants Check-list*: 7 (1990): *F. arabica* var. *thomsonii*.

FAGOPYRUM (Polygonac.).

- acutatum* (*Lehm.*) *Mansf. ex K. Hammer in R. Mansfeld, Verz. Landwirtsch. u. Gartn. Kulturpfl., Auf. 2, ed. J. Schultze-Motel*, 1: 121 (1986): *Polygonum acutatum*.
snowdenii (*Hutch. & Dandy*) *S.P. Hong in Grana*, 27(4): 295 (1988): *Harpagocarpus snowdenii*.

FAGUS (Fagac.).

- hayatae*
var. *zhejiangensis* *M.C. Liu & M.H. Wu ex Y.T. Chang & C.C. Huang in Acta Phytotax. Sin.*, 26(2): 115 (1988)—China.
longipetiolata
f. clavata (*Y.T. Chang*) *Y.T. Chang in Acta Phytotax. Sin.*, 26(2): 114 (1988): *F. clavata*.

FALCARIA (Umbellif.).

- agrestis* (*Hoffm.*) *Sweet, Hort. Brit.*, ed. 2: 245 (1830); cf. *D.J. Mabberley in Taxon*, 31(1): 70 (1982): Basionym not stated.

FALCATAFOLIUM (Podocarpac.).

- falciforme*
var. *usan-apuensis* *de Laubenfels & J. Silba in Phytologia*, 68(1): 32 (1990)—Borneo (Sarawak).
gruezoii *D.J. de Laubenfels in Fl. Males.*, 10(3): 373 (1988)—Philippine Is., Celebes, Moluccas.
sleumeri *D.J. de Laubenfels & J. Silba in Phytologia*, 65(5): 329 (1988)—New Guinea (W. Irian).
usan-apuensis (*de Laubenfels & J. Silba*) *de Laubenfels & J. Silba in Phytologia*, 68(6): 512 (1990), without basionym date: *F. falciforme* var. *usan-apuensis*.

FALLOPIA (Polygonac.).

- sect. *Reynoutria* (*Houtt.*) *L.P. Ronse Decraene in Bot. J. Linn. Soc.*, 98(4): 346 (1988): gen. *Reynoutria*.
 \times *bohemica* (*Chrtek & Chrtková*) *J.P. Bailey in Watsonia*, 17(4): 443 (1989): *Reynoutria* \times *bohemica*.
ciliinervis (*Nak.*) *K. Hammer in Kulturpflanze*, 34: 99 (1986): *Pleuropterus ciliinervis*.
convolvulus
var. *subalatum* (*Lej. & Court.*) *D.H. Kent in J.E. Lousley & D.H. Kent, Docks and Knotweeds of British Isles (BSBI Handbook)*, 3: 82 (1981): *Polygonum convolvulus* var. *subalatum*.
japonica (*Houtt.*) *L.P. Ronse Decraene in Bot. J. Linn. Soc.*, 98(4): 369 (1988): *Reynoutria japonica*.
var. *compacta* (*Hook. f.*) *J.P. Bailey in Watsonia*, 17(4): 443 (1989): *Polygonum compactum*.
sachalinensis (*F. Schmidt Petrop.*) *L.P. Ronse Decraene in Bot. J. Linn. Soc.*, 98(4): 369 (1988): *Polygonum sachalinense*.
schischkini *N.N. Tsvetlev in Novosti Sist. Vyssh. Rast.*, 24: 78 (1987)—U.S.S.R. (Soviet Far East).

FARAMEA (Rubiac.).

- boomii* *J.A. Steyermark in Ann. Missouri Bot. Gard.*, 75(1): 335 (1988)—Venezuela.
cazaderensis *J.A. Steyermark in Ann. Missouri Bot. Gard.*, 74(2): 398 (1987)—Venezuela.
morilloi *J.A. Steyermark in Ann. Missouri Bot. Gard.*, 75(1): 337 (1988)—Venezuela.
paludicola *J.A. Steyermark & Boom in Ann. Missouri Bot. Gard.*, 75(1): 338 (1988)—Venezuela.
yavitensis *J.A. Steyermark in Ann. Missouri Bot. Gard.*, 75(1): 338 (1988)—Venezuela.
yutajensis *J.A. Steyermark in Ann. Missouri Bot. Gard.*, 75(1): 339 (1988)—Venezuela.

FARGESIA (Gramin.).

- sect. *Ampullares* *T.P. Yi in J. Bamboo Res.*, 4(1): 19 (1985).
ser. *Ampullares* *T.P. Yi in J. Bamboo Res.*, 7(2): 16 (1988).
ser. *Angustissimae* *T.P. Yi in J. Bamboo Res.*, 7(2): 50 (1988).
ser. *Collares* *T.P. Yi in J. Bamboo Res.*, 7(2): 16 (1988).
ser. *Murielae* *T.P. Yi in J. Bamboo Res.*, 7(2): 17 (1988).
ser. *Spathaceae* *T.P. Yi in J. Bamboo Res.*, 7(2): 31 (1988).
sect. *Sphaerigemma* *T.P. Yi in J. Bamboo Res.*, 7(2): 16 (1988), nom. nov.: *F. sect. Ampullares* *Yi*.
ser. *Yunnanenses* *T.P. Yi in J. Bamboo Res.*, 7(2): 84 (1988).
acuticontracta *T.P. Yi in J. Bamboo Res.*, 7(2): 98 (1988)—China.
albocerea *Hsueh & T.P. Yi in J. Bamboo Res.*, 7(2): 45 (1988), as 'albo-cerea'—China.
altior *T.P. Yi in J. Bamboo Res.*, 7(2): 65 (1988)—China.
brevipes (*McClure*) *T.P. Yi in J. Bamboo Res.*, 7(2): 113 (1988): *Arundinaria brevipes*.
caduca *T.P. Yi in J. Bamboo Res.*, 7(2): 108 (1988)—China.
canaliculata *T.P. Yi in J. Bamboo Res.*, 4(1): 19 (1985)—China.
circinata *Hsueh & T.P. Yi in J. Bamboo Res.*, 7(2): 81 (1988)—China.
communis *T.P. Yi in J. Bamboo Res.*, 7(2): 51 (1988)—China.
concinna *T.P. Yi in Acta Bot. Yunnanica*, 10(4): 437 (1988)—China.
contracta *T.P. Yi in J. Bamboo Res.*, 7(2): 60 (1988)—China.
f. evacuata *T.P. Yi in J. Bamboo Res.*, 7(2): 63 (1988)—China.
declivis *T.P. Yi in J. Bamboo Res.*, 7(2): 101 (1988)—China.
demissa *T.P. Yi in J. Bamboo Res.*, 7(2): 93 (1988)—China.
denudata *T.P. Yi in J. Bamboo Res.*, 4(1): 20 (1985)—China.
dura *T.P. Yi in J. Bamboo Res.*, 7(2): 34 (1988)—China.
edulis *Hsueh & T.P. Yi in J. Bamboo Res.*, 7(2): 53 (1988)—China.
falcata (*Nees*) *T.P. Yi in Fl. Xizangica*, 5: 33 (1987): *Arundinaria falcata*.
fractiflexa *T.P. Yi in J. Bamboo Res.*, 4(1): 22 (1985)—China.
frigidis *T.P. Yi in J. Bamboo Res.*, 7(2): 17 (1988)—China.
gongshanensis *T.P. Yi in J. Bamboo Res.*, 7(2): 57 (1988)—China.
hsuehiana *T.P. Yi in J. Bamboo Res.*, 7(2): 104 (1988)—China.
hygrophila *Hsueh & T.P. Yi in J. Bamboo Res.*, 7(2): 74 (1988)—China.
lincangensis *T.P. Yi in J. Bamboo Res.*, 7(2): 96 (1988)—China.
longissima *T.P. Yi in Fl. Xizangica*, 5: 34 (1987)—Xizang.
lushuizensis *Hsueh & T.P. Yi in J. Bamboo Res.*, 7(2): 111 (1988)—China.
mairei (*Hack. ex Hand.-Mazz.*) *T.P. Yi in J. Bamboo Res.*, 7(2): 50 (1988), without basionym page: *Arundinaria mairei*.
mali *T.P. Yi in Acta Bot. Yunnanica*, 11(1): 37 (1989)—China.
obliqua *T.P. Yi in Acta Bot. Yunnanica*, 8(1): 48 (1986)—China.
orbiculata *T.P. Yi in J. Bamboo Res.*, 7(2): 22 (1988)—China.
papyrifera *T.P. Yi in J. Bamboo Res.*, 7(2): 42 (1988)—China.
perlonga *Hsueh & T.P. Yi in J. Bamboo Res.*, 7(2): 79 (1988)—China.
pleniculmis (*Hand.-Mazz.*) *T.P. Yi in J. Bamboo Res.*, 7(2): 113 (1988): *Arundinaria pleniculmis*.
porphyrea *T.P. Yi in J. Bamboo Res.*, 7(2): 84 (1988)—China.
praecipua *T.P. Yi in J. Bamboo Res.*, 7(2): 68 (1988)—China.
qinlingensis *T.P. Yi & J.X. Shao in J. Bamboo Res.*, 6(1): 42 (1987)—China.
sagittatinea *T.P. Yi in J. Bamboo Res.*, 7(2): 63 (1988)—China.
semicoriacea *T.P. Yi in J. Bamboo Res.*, 7(2): 71 (1988)—China.
similaris *Hsueh & T.P. Yi in J. Bamboo Res.*, 7(2): 25 (1988)—China.
solida *T.P. Yi in J. Bamboo Res.*, 7(2): 47 (1988)—China.
stenoclada *T.P. Yi in J. Bamboo Res.*, 8(2): 30 (1989)—China.
strigosa *T.P. Yi in J. Bamboo Res.*, 7(2): 90 (1988)—China.
subflexuosa *T.P. Yi in J. Bamboo Res.*, 7(2): 36 (1988)—China.
sylvestris *T.P. Yi in J. Bamboo Res.*, 7(2): 31 (1988)—China.
tenuilignea *T.P. Yi in J. Bamboo Res.*, 7(2): 39 (1988)—China.
ungulata *T.H. Wen in J. Bamboo Res.*, 8(1): 22 (1989)—China.
utilis *T.P. Yi in J. Bamboo Res.*, 7(2): 28 (1988)—China.

FARGESIA :-

- vicina (*Keng*) *T.P. Yi in J. Bamboo Res.*, 7(2): 113 (1988); *Arundinaria* vicina.
 wuliangshanensis *T.P. Yi in Acta Bot. Yunnanica*, 10(4): 438 (1988)—China.
 yuanjiangensis *Hsueh & T.P. Yi in J. Bamboo Res.*, 7(2): 76 (1988)—China.
 yulongshanensis *T.P. Yi in J. Bamboo Res.*, 7(2): 87 (1988)—China.
 zayuensis *T.P. Yi in J. Bamboo Res.*, 7(2): 20 (1988)—Xizang.

FARINOPSIS *J. Chrtek & J. Soják in Čas. Nár. Muz. (Prague)*, 153(1): 10 (1984). **ROSACEAE**.
 salesoviana (*Steph.*) *J. Chrtek & J. Soják in Čas. Nár. Muz. (Prague)*, 153(1): 10 (1984); *Potentilla* salesoviana.

FAROA (*Gentianac.*)

- schaijesiorum *P. Bamps in Bull. Jard. Bot. Nation. Belg.*, 57(3-4): 479 (1987)—Zaire.

FARSETIA (*Crucif.*)

- aegyptia
 subsp. *edgeworthii* (*Hook. f. & Thoms.*) *B. Jonsell in Symb. Bot. Upsal.*, 25(3): 43 (1986); *F. edgeworthii*.
 cornus-africani *B. Jonsell in Symb. Bot. Upsal.*, 25(3): 70 (1986)—Somali Republic.
 dhofarica *B. Jonsell & A.G. Miller in Symb. Bot. Upsal.*, 25(3): 98 (1986)—Oman, South Yemen.
 divaricata *B. Jonsell in Symb. Bot. Upsal.*, 25(3): 49 (1986)—Somali Republic.
 emarginata *B. Jonsell in Symb. Bot. Upsal.*, 25(3): 38 (1986)—Somali Republic.
 latifolia *B. Jonsell & A.G. Miller in Symb. Bot. Upsal.*, 25(3): 57 (1986)—Oman.
 nummularia *B. Jonsell in Symb. Bot. Upsal.*, 25(3): 44 (1986)—Ethiopia, Kenya.
 pedicellata *B. Jonsell in Symb. Bot. Upsal.*, 25(3): 51 (1986)—Somali Republic.
 spinulosa *B. Jonsell in Symb. Bot. Upsal.*, 25(3): 49 (1986)—Somali Republic.
 stenoptera
 subsp. *boivinii* (*Fournier*) *B. Jonsell in Symb. Bot. Upsal.*, 25(3): 95 (1986); *F. boivinii*.
 tenuisiliqua *B. Jonsell in Symb. Bot. Upsal.*, 25(3): 55 (1986)—Somali Republic.

FAUREA (*Proteac.*)

- coriacea *S.K. Marner in Bull. Jard. Bot. Nation. Belg.*, 59(3-4): 430 (1989)—Madagascar.
 rubriflora *S.K. Marner in Bull. Jard. Bot. Nation. Belg.*, 59(3-4): 429 (1989)—Zimbabwe, Mozambique.

FEDIA (*Valerianac.*)

- dentata (*L.*) *Berth., Syst. Verz.*: 24 (1800); cf. *D.J. Mabberley in Taxon*, 33(3): 443 (1984); *Basionym* not stated.
 graciliflora
 subsp. *calycina* (*Maire*) *J. Mathez & N. Xena de Enrech in Nat. Monspel., Bot.*, 54: 50 (1989 publ. 1990); *F. calycina*.
 subsp. *diana* *J. Mathez & N. Xena de Enrech in Nat. Monspel., Bot.*, 54: 52 (1989 publ. 1990)—Algeria.
 var. *insularis* *J. Mathez & N. Xena de Enrech in Nat. Monspel., Bot.*, 54: 45 (1989 publ. 1990)—Sicily, Balearic Is., Malta, Crete.
 var. *longiflora* *J. Mathez & N. Xena de Enrech in Nat. Monspel., Bot.*, 54: 49 (1989 publ. 1990)—Algeria.
 subsp. *snassenorum* *J. Mathez & N. Xena de Enrech in Nat. Monspel., Bot.*, 54: 46 (1989 publ. 1990)—Morocco, Algeria.
 subsp. *sulcata* (*Pomel*) *J. Mathez & N. Xena de Enrech in Nat. Monspel., Bot.*, 54: 47 (1989 publ. 1990); *F. sulcata*.
 var. *sulcata* (*Pomel*) *J. Mathez & N. Xena de Enrech in Nat. Monspel., Bot.*, 54: 47 (1989 publ. 1990); *F. sulcata*.
 pallescens
 subsp. *hirsuta* (*Emberger & Maire*) *J. Mathez & N. Xena de Enrech in Nat. Monspel., Bot.*, 54: 55 (1989 publ. 1990); *F. cornucopiae* var. *hirsuta*.
 rugulosa *Hornem., Hort. Hajn.*: 950 (1815); cf. *D.J. Mabberley in Taxon*, 33(3): 437 (1984)—Locality not stated.

FELDSTONIA *P.S. Short in Muelleria*, 7(1): 108 (1989). **COMPOSITAE**.
 nitens *P.S. Short in Muelleria*, 7(1): 109 (1989)—Australia (W. Australia).

FELICIA (*Compos.*)

- bampsiana *S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 59(3-4): 475 (1989)—Zaire.
 petitiana *S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 59(3-4): 476 (1989)—Burundi.

FEMENIASIA *A. Susanna de la Serna in Collect. Bot.*, 17(1): 83 (1987 publ. 1988). **COMPOSITAE**.

- balearica (*Rodriguez Femenias*) *A. Susanna de la Serna in Collect. Bot.*, 17(1): 84 (1987 publ. 1988); *Centaurea* balearica.

FERDINANDUSA (*Rubiace.*)

- boomii *J.A. Steyermark in Ann. Missouri Bot. Gard.*, 75(1): 339 (1988)—Venezuela.

FERNANDOIA (*Bignoniace.*)

- guangxiensis *D.D. Tao in Acta Phytotax. Sin.*, 24(2): 149 (1986)—China.

FEROCACTUS (*Cactac.*)

- macrodiscus
 var. *septentrionalis* *J. Meyrán in Cact. Suc. Mex.*, 32(3): 52 (1987)—Mexico.
 piliferus (*Lemaire ex Ehrenberg*) *G. Unger in Kakt. And. Sukk.*, 37(2): 45 (1986); *Echinocactus piliferus*.
 f. *flavispinus* (*hort. ex Schelle*) *G. Unger in Kakt. And. Sukk.*, 37(2): 45 (1986); *Echinocactus pilosus flavispinus*.
 var. *stainesii* (*Salm-Dyck*) *G. Unger in Kakt. And. Sukk.*, 37(2): 45 (1986); *Echinocactus pilosus* var. *stainesii*.

FERULA (*Umbellif.*)

- alaica *M.G. Pimenov & S. Melibaev in Bot. Zhurn.*, 73(11): 1604 (1988)—U.S.S.R. (Middle Asia).
 behboudiana (*Rech. f. & Esfand.*) *D.F. Chamberlain in Fl. Iran.*, 162: 395 (1987); *Smyrniopsis behboudiana*.
 dictyocarpa *K.H. Rechinger in Fl. Iran.*, 162: 423 (1987)—Afghanistan.
 gabrielii *K.H. Rechinger in Fl. Iran.*, 162: 398 (1987)—Iran.
 ghorana *K.H. Rechinger in Fl. Iran.*, 162: 424 (1987)—Afghanistan.
 grigorievii
 var. *badachschanica* *E.P. Korovin in Fl. Tadzhikskoi SSR*, 7: 523 (1984), without type—U.S.S.R. (Middle Asia).
 groessingii *H. Riedl & C. Riedl-Dorn in Linz. Biol. Beitr.*, 19(2): 485 (1987)—China.
 hexiensis *K.M. Shen in Acta Phytotax. Sin.*, 24(4): 314 (1986)—China.
 kandaharica *K.H. Rechinger in Fl. Iran.*, 162: 424 (1987)—Afghanistan.
 karelinii *A. Bunge, Beitr. Fl. Russl.*: 130 (1852)—U.S.S.R. (Middle Asia).†
 kashanica *K.H. Rechinger in Fl. Iran.*, 162: 400 (1987)—Iran.
 lutensis *K.H. Rechinger in Fl. Iran.*, 162: 396 (1987)—Iran.
 pachycaulos *K.H. Rechinger in Fl. Iran.*, 162: 398 (1987)—Afghanistan.
 persica
 var. *latisecta* *D.F. Chamberlain in Fl. Iran.*, 162: 401 (1987), without latin descr.—Iran.
 racemosoumbellata (*Gilli*) *K.H. Rechinger in Fl. Iran.*, 162: 401 (1987); *Johrenia racemoso-umbellata*.
 rechingeri *D.F. Chamberlain in Fl. Iran.*, 162: 422 (1987)—Afghanistan.
 songarica
 subsp. *mongolica* *V.M. Vinogradova & R.V. Kamelin in Novosti Sist. Vyssh. Rast.*, 23: 101 (1986)—Mongolia.
 tabasensis *K.H. Rechinger in Fl. Iran.*, 162: 419 (1987)—Iran.
 trachelocarpa *K.H. Rechinger in Fl. Iran.*, 162: 425 (1987)—Afghanistan.
 xanthocarpa *K.H. Rechinger in Fl. Iran.*, 162: 394 (1987)—Afghanistan.

FERULAGO (*Umbellif.*)

- sect. *Aucheria* *M.G. Pimenov & L.P. Tomkovich in Bot. Zhurn.*, 72(7): 968 (1987).
 sect. *Bernardia* *M.G. Pimenov & L.P. Tomkovich in Bot. Zhurn.*, 72(7): 968 (1987).
 sect. *Fieldiana* *M.G. Pimenov & L.P. Tomkovich in Bot. Zhurn.*, 72(7): 971 (1987).
 subgen. *Galbanifera* *M.G. Pimenov & L.P. Tomkovich in Bot. Zhurn.*, 72(7): 968 (1987).
 sect. *Humiles* *M.G. Pimenov & L.P. Tomkovich in Bot. Zhurn.*, 72(7): 968 (1987).
 sect. *Lophosciadium* (*DC.*) *M.G. Pimenov & L.P. Tomkovich in Bot. Zhurn.*, 72(7): 968 (1987); gen. *Lophosciadium*.
 sect. *Uloptera* (*Fenzl*) *M.G. Pimenov & L.P. Tomkovich in Bot. Zhurn.*, 72(7): 971 (1987); gen. *Uloptera*.
 angulata
 subsp. *carduchorum* (*Boiss. & Hausskn.*) *D.F. Chamberlain in Fl. Iran.*, 162: 432 (1987); *F. carduchorum*.
 sylvatica
 subsp. *confusa* (*Velen.*) *P. Hartvig in A. Strid (ed.), Mount. Fl. Greece*, 1: 713 (1986); *F. confusa*.

FESTUCA (*Gramin.*)

- subgen. *Erosiflorae* *E.B. Alekseev in Novosti Sist. Vyssh. Rast.*, 23: 11 (1986).
 sect. *Fauria* *E.B. Alekseev in Novosti Sist. Vyssh. Rast.*, 25: 13 (1988).
 sect. *Obtusae* (*E. Alexeev*) *E.B. Alekseev in Novosti Sist. Vyssh. Rast.*, 25: 13 (1988); *F.* subgen. *Obtusae*.
 ser. *Oviniae* *M. Pawlus in Fragm. Flor. Geobot.*, 29(2): 228 (1983 publ. 1985).
 ser. *Psammophilae* *M. Pawlus in Fragm. Flor. Geobot.*, 29(2): 259 (1983 publ. 1985).
 ser. *Trachyphyllae* *M. Pawlus in Fragm. Flor. Geobot.*, 29(2): 246 (1983 publ. 1985).
 ser. *Valesiacae* *M. Pawlus in Fragm. Flor. Geobot.*, 29(2): 276 (1983 publ. 1985).
 acamptophylla (*St.-Yves*) *E.B. Alekseev in Bot. Zhurn.*, 71(8): 1113 (1986); *F. abyssinica* subsp. *acamptophylla*.
 ampla
 subsp. *simplex* (*Pérez Lara*) *J.A. Devesa in Lagasalia*, 14(1): 164 (1986); *F. scaberrima* var. *simplex*.
 archeri *E.B. Alekseev in Novosti Sist. Vyssh. Rast.*, 24: 8 (1987)—Tasmania.
 atlantica
 subsp. *oxyphylla* (*Litard. & Maire*) *A.M. Romo in Collect. Bot.*, 16(2): 337 (1986); *F. atlantica* var. *oxyphylla*.
 atlantigena (*Litar.*) *A.M. Romo in Collect. Bot.*, 16(2): 338 (1986); *F. rubra* var. *atlantigena*.
 bastardii *M. Kerguelen & F. Plonka in Bull. Soc. Bot. Centre-Ouest, n.s.*, 19: 16 (1988)—France.
 brevipaleata (*St.-Yves*) *E.B. Alekseev in Bot. Zhurn.*, 71(8): 1113 (1986); *F. camusiana* var. *brevipaleata*.
 camerunensis *E.B. Alekseev in Bot. Zhurn.*, 72(9): 1267 (1987)—Cameroun.
 changduensis *L. Liou in Fl. Xizangica*, 5: 85 (1987)—Xizang.
 chodatiana (*St.-Yves*) *E.B. Alekseev in Bot. Zhurn.*, 71(8): 1113 (1986); *F. camusiana* subsp. *chodatiana*.
 claytonii *E.B. Alekseev in Bot. Zhurn.*, 71(8): 1117 (1986)—Kenya.
 cordubensis *J.A. Devesa in Lagasalia*, 14(1): 165 (1986)—Spain.
 djurdjurae (*Battandier & Trabut*) *A.M. Romo in Collect. Bot.*, 16(2): 338 (1986); *F. duriuscula* f. *djurdjurae*.
 dracomontana *H.P. Linder in Bothalia*, 16(1): 59 (1986)—Lesotho, South Africa (Natal, Transvaal).
 durandoi
 var. *capillifolia* (*Pau ex Willk.*) *M.A. Rivas Ponce & C. Cebolla Lozano in Fontqueria*, 28: 19 (1990); *F. spadicea* var. *capillifolia*.
 subsp. *livida* (*Hack.*) *M.A. Rivas Ponce & C. Cebolla Lozano in Fontqueria*, 28: 19 (1990); *F. spadicea* var. *livida*.
 dyris (*Maire & Trabut*) *A.M. Romo in Collect. Bot.*, 16(2): 338 (1986); *F. alpina* var. *dyris*.
 elgonensis *E.B. Alekseev in Bot. Zhurn.*, 72(9): 1266 (1987)—Uganda, Sudan.

FESTUCA :-

- embergeri (Litard. & Maire) A.M. Romo in *Collect. Bot.*, 16(2): 338 (1986); F. ovina var. embergeri.
- eribasis H. Scholz in *Willdenowia*, 18(2): 431 (1989)—Nepal.
- exaristata E.B. Alekseev in *Bot. Zhurn.*, 71(8): 1116 (1986)—Lesotho.
- fabrei M. Kerguelen & F. Plonka in *Bull. Soc. Bot. Centre-Ouest, n.s.*, 19: 18 (1988)—France.
- filiformis
f. mucronata (Auquier) M. Kerguelen & F. Plonka in *Bull. Soc. Bot. Centre-Ouest, n.s.*, 19: 20 (1988); F. tenuifolia f. mucronata.
- font-queri (Litard.) A.M. Romo in *Willdenowia*, 16(1): 115 (1986); F. rubra subsp. font-queri.
- fontqueriana (St.-Yves) A.M. Romo in *Collect. Bot.*, 16(2): 338 (1986); F. ovina var. fontqueriana.
- forrestii
subsp. nepalensis H. Scholz in *Willdenowia*, 18(2): 432 (1989)—Nepal.
- gaetula
subsp. embergeri (Litard.) A.M. Romo in *Collect. Bot.*, 16(2): 338 (1986); F. rubra subvar. embergeri.
- gamisansii M. Kerguelen in *Lejeunia*, 120: 95 (1987), nom. nov.: F. ovina var. litardierei St.-Yves.
- gracillima
var. glacialis Z.E. Rugolo de Agrasar & E.G. Nicora in *Bol. Soc. Argent. Bot.*, 25(3-4): 464 (1988)—Argentina, Chile.
- halleri
subsp. yvesii M. Kerguelen & F. Plonka in *Bull. Soc. Bot. Centre-Ouest, n.s.*, 19: 18 (1988)—France.
- hedbergii E.B. Alekseev in *Bot. Zhurn.*, 71(8): 1113 (1986), nom. nov.: F. abyssinica var. supina Pilg. ex St.-Yves.
- hervieri
subsp. costei (St.-Yves) O. de Bolos, R.M. Masalles & J. Vigo in *Collect. Bot.*, 17(1): 96 (1987 publ. 1988); F. ovina subvar. costei.
- iberica (Hackel) K. Richter, *Pl. Europ.*, 1: 99 (1890); F. rubra var. iberica.
- ×jierru H.S. Nava in *Fontqueria*, 7: 24 (1985)—Spain. (F. gautieri × picoeuropeana).
- karabaghensis S.G. Musaeu in *Bot. Zhurn.*, 72(1): 94 (1987), nom. nov.: F. varia var. caucasica St.-Yves.
- lahonderei M. Kerguelen & F. Plonka in *Bull. Soc. Bot. Centre-Ouest, n.s.*, 19: 18 (1988)—France.
- macra (Stapf) E.B. Alekseev in *Bot. Zhurn.*, 71(8): 1116 (1986); F. caprina var. macra.
- malyshevii E.B. Alekseev in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 92(5): 127 (1987); et in *Fl. Sibir. (Poaceae)*, 2: 152 (1990), nom. nov.: F. jacutica var. nutans Malyshev.
- maroccana
subsp. pozzicola (Litard. & Maire) A.M. Romo in *Collect. Bot.*, 16(2): 339 (1986); F. deserti subvar. pozzicola.
- maskerensis (Litard.) A.M. Romo in *Collect. Bot.*, 16(2): 339 (1986); F. ovina var. maskerensis.
- miseria C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 119 (1784)—Japan.†
- nevadensis (Hackel) K. Richter, *Pl. Europ.*, 1: 101 (1890); F. rubra subsp. nevadensis.
- nigricans (Hackel) K. Richter, *Pl. Europ.*, 1: 99 (1890); F. rubra var. nigricans.
- numidica (Battandier & Trabut) A.M. Romo in *Collect. Bot.*, 16(2): 339 (1986); F. plicata subsp. numidica.
- oraria (Dumort.) H.C. van Hall, *Fl. Belg. Sept.*, 1: 110 (1825); F. rubra* (subsp.) oraria.
- ovina
subsp. bigoudenensis M. Kerguelen & F. Plonka in *Bull. Soc. Bot. Centre-Ouest, n.s.*, 19: 20 (1988)—France.
- subsp. firmulacea (Markgr.-Dannenb.) N.S. Probatova in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 95(4): 73 (1990); F. trachyphylla f. firmulacea.
- subsp. liviensis (Verguin) O. de Bolos, R.M. Masalles & J. Vigo in *Collect. Bot.*, 17(1): 96 (1987 publ. 1988); F. ovina var. liviensis.
- subsp. valentina (St.-Yves) O. de Bolos, R.M. Masalles & J. Vigo in *Collect. Bot.*, 17(1): 96 (1987 publ. 1988); F. ovina var. valentina.
- pallidula E.B. Alekseev in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(2): 97 (1988)—U.S.S.R. (Caucasus).

FESTUCA :-

- paniculata
subsp. fontqueri M.A. Rivas Ponce & C. Cebolla in *Fontqueria*, 21: 21 (1988)—Spain, France.
- var. longiglumis (R. Lit.) C. Cebolla Lozano in *Fontqueria*, 28: 167 (1990); F. paniculata subvar. longiglumis.
- subsp. paui C. Cebolla Lozano & M.A. Rivas Ponce in *Collect. Bot.*, 18: 87 (1990)—Spain.
- parvigluma
f. breviaristata (Ohwi) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 507 (1987); F. parvigluma var. breviaristata.
- pauciflora C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 119 (1784)—Japan.†
- paucispicula V. de la Fuente Garcia & D. Sanchez-Mata in *Candollea*, 41(2): 441 (1986), nom. nov.: F. rubra subsp. font-queri Litard.
- picoeuropeana H.S. Nava in *Fontqueria*, 7: 23 (1985)—Spain.
- pilosella E.B. Alekseev in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 91(3): 118 (1986)—Yemen.
- psammophila
subsp. muellerstollii M. Toman in *Feddes Repert.*, 101(1-2): 31 (1990), contrary to Art. 37.3 ICBN (1988)—Czechoslovakia.
- richardii E.B. Alekseev in *Bot. Zhurn.*, 71(8): 1109 (1986)—Ethiopia.
- rigidiuscula E.B. Alekseev in *Bot. Zhurn.*, 71(8): 1111 (1986)—Cameroun.
- rubra
subsp. limosa E.B. Alekseev in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 92(5): 125 (1987)—Sakhalin Is.
- subsp. pluriflora (D.M. Chang) N.R. Cui in *Claves Pl. Xinjiang*, 1: 112 (1982); F. pluriflora.
- subsp. rivularis (Boiss.) O. de Bolos, R.M. Masalles & J. Vigo in *Collect. Bot.*, 17(1): 96 (1987 publ. 1988); F. rivularis.
- sauvagei A.M. Romo in *Collect. Bot.*, 16(2): 339 (1986), nom. nov.: F. ovina var. maroccana St.-Yves.
- sinensis Keng ex E.B. Alekseev in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(1): 112 (1988)—China.
- stricta
var. multinervis (Stohr) M. Kerguelen & F. Plonka in *Bull. Soc. Bot. Centre-Ouest, n.s.*, 19: 20 (1988); F. duvalii var. multinervis.
- sudanensis E.B. Alekseev in *Bot. Zhurn.*, 72(9): 1264 (1987)—Sudan.
- takedana
subsp. blepharogyna (Ohwi) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 508 (1987); Leiopoa blepharogyna.
- tarraconensis (Litard.) A.M. Romo in *Willdenowia*, 16(1): 115 (1986); F. ovina var. tarraconensis.
- trabutii (St.-Yves) A.M. Romo in *Collect. Bot.*, 16(2): 339 (1986); F. ovina subvar. trabutii.
- vaginata
var. aristata M. Pawlus in *Fragm. Flor. Geobot.*, 29(2): 275 (1983 publ. 1985)—Poland.
- weileri (Litard.) A.M. Romo in *Collect. Bot.*, 16(2): 340 (1986); F. ovina var. weileri.
- yemenensis E.B. Alekseev in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 91(3): 118 (1986)—Yemen.
- yvesiana (Litard. & Maire) A.M. Romo in *Collect. Bot.*, 16(2): 339 (1986); F. rubra var. yvesiana.
- yvesii
subsp. bellottii (Auquier & Kerguelen) M. Kerguelen in *Lejeunia*, 120: 102 (1987); F. durissima subsp. bellottii.
- FESTUCELLA** E.B. Alekseev in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 90(5): 104 (1985). GRAMINEAE.
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- ×FIALAARA hort. in *Orchid Rev.*, 97(1143): centre page pull-out p. 8 (1989). ORCHIDACEAE. (Broughtonia × Cattleya × Laelia × Laeliopsis).
- FIBIGIA** (Crucif.).
lunarioides Sweet, *Hort. Brit.*: 467 (1827); cf. D.J. Mabberley in *Taxon*, 31(1): 70 (1982)—Locality not stated.

FICINIA (Cyperac.).

- crinita (Poiret) B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 358 (1986); Cyperus crinitus.
- filiculmea B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 358 (1986)—South Africa (Natal, Cape Province).
- nana B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 360 (1986)—South Africa (Natal), Lesotho.
- undosa B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 360 (1986)—South Africa (Natal), Lesotho.
- FICUS** (Morac.).
subsect. Caulocarpae (Mildbraed & Burret) C.C. Berg in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 89(2): 125 (1986); F. sect. Caulocarpae.
- subsect. Chlamydodora (Mildbraed & Burret) C.C. Berg in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 89(2): 123 (1986); F. sect. Chlamydodora.
- subsect. Crassicoctae (Mildbraed & Burret) C.C. Berg in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 89(2): 124 (1986); F. sect. Crassicoctae.
- subsect. Cyathistipulae (Mildbraed & Burret) C.C. Berg in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 89(2): 125 (1986); F. sect. Cyathistipulae.
- subsect. Platyphyllae (Mildbraed & Burret) C.C. Berg in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 89(2): 122 (1986); F. sect. Platyphyllae.
- ampana C.C. Berg in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 8(1): 33 (1986)—Madagascar.
- antandronarum (H. Perrier) C.C. Berg in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 8(1): 45 (1986); F. pyrifolia var. antandronarum.
- subsp. bernardii C.C. Berg in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 8(1): 46 (1986)—Comoro Archipelago.
- ardisioides
subsp. camptoneura (Mildbr.) C.C. Berg in *Kew Bull.*, 43(1): 77 (1988); F. camptoneura.
- aripuanensis C.C. Berg & F. Kooy in *Acta Amazonica*, 14(1-2 Suppl.): 195 (1984 publ. 1986)—Brazil.
- blepharophylla M. Vazquez Avila in *Acta Amazonica*, 14(1-2 Suppl.): 197 (1984 publ. 1986)—Brazil.
- cabur Buch. ex J.E. Smith in A. Rees, *Cyclop.*, 14: Ficus n. 47 (1810)—Nepal.
- chirindensis C.C. Berg in *Kew Bull.*, 43(1): 78 (1988)—Zimbabwe, Zaire, Kenya, Tanzania, Mozambique, Malawi.
- chlamydocarpa
subsp. fernandesiana (Hutch.) C.C. Berg in *Kew Bull.*, 43(1): 80 (1988); F. fernandesiana.
- subsp. latifolia (Hutch.) C.C. Berg in *Kew Bull.*, 43(1): 81 (1988); F. eriobotryoides var. latifolia.
- cordata
subsp. lecardii (Warb.) C.C. Berg in *Kew Bull.*, 43(1): 81 (1988); F. lecardii.
- subsp. salicifolia (Vahl) C.C. Berg in *Kew Bull.*, 43(1): 82 (1988); F. salicifolia.
- cremersii C.C. Berg in *Acta Amazonica*, 14(1-2 Suppl.): 199 (1984 publ. 1986)—French Guiana.
- cyathistipula
subsp. pringsheimiana (Braun & K. Schumann) C.C. Berg in *Kew Bull.*, 43(1): 83 (1988); F. pringsheimiana.
- faulkneriana C.C. Berg in *Kew Bull.*, 43(1): 83 (1988)—Tanzania, Kenya.
- formosana
f. lageniformis (Lévl. & Van.) C.Y. Wu in *Acta Bot. Yunnanica*, 11(1): 33 (1989); F. lageniformis.
- galactophora Ten., *Cat. Ort. Bot. Nap.*: 86 (1845); cf. D.J. Mabberley in *Taxon*, 30(1): 16 (1981)—Locality not stated.
- guntheri J.H. Torres-Romero in *Caldasia*, 14(67): 207 (1985), as 'guntherii'—Colombia.
- humbertii C.C. Berg in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 8(1): 37 (1986)—Madagascar.
- hurlimannii A. Guillaumin in *Mém. Mus. Nation. Hist. Nat. Nouv. Sér.*, B (Paris), 15(2): 99 (1967)—New Caledonia.
- infrafoliacea Buch. ex J.E. Smith in A. Rees, *Cyclop.*, 14: Ficus n. 31 (1810)—Nepal.
- insipida
subsp. scabra C.C. Berg in *Acta Amazonica*, 14(1-2 Suppl.): 201 (1984 publ. 1986)—French Guiana, Brazil, Surinam, Guyana, Venezuela, Colombia.
- jacobii M. Vazquez Avila in *Acta Amazonica*, 14(1-2 Suppl.): 201 (1984 publ. 1986)—Peru.

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 karthalensis C.C. Berg in Bull. Mus. Nation. Hist. Nat., B, Adansonia, Ser. 4, 8(1): 30 (1986)—Comoro Archipelago.
 lanyuensis S.S. Ying, Colour. Illustr. Pl. Taiwan, Pt. 3; Colour. Illustr. Ligneous Pl. Taiwan, 1: 435 (1987)—Taiwan.
 lauretana M. Vázquez Avila in Acta Amazonica, 14(1-2 Suppl.): 203 (1984 publ. 1986)—Brazil, Colombia, Peru.
 leiophylla C.C. Berg in Acta Amazonica, 14(1-2 Suppl.): 205 (1984 publ. 1986)—French Guiana, Brazil.
 lingua
 subsp. depauperata (Sim) C.C. Berg in Kew Bull., 43(1): 85 (1988); F. depauperata.
 macrophylla Roxb. & Buch. ex J.E. Smith in A. Rees, Cyclop., 14: Ficus n. 32 (1810)—East Indies.
 subsp. columnaris (C. Moore) P.S. Green in J. Arnold Arbor., 67(1): 112 (1986); F. columnaris.
 madagascariensis C.C. Berg in Bull. Mus. Nation. Hist. Nat., B, Adansonia, Ser. 4, 8(1): 34 (1986)—Madagascar.
 microcarpa
 f. crassifolia (Shieh) S.S. Ying, Coloured Illustr. Fl. Taiwan, 3: 383 (1988); F. retusa var. crassifolia.
 modesta F. White in Bull. Jard. Bot. Nation. Belg., 60(1-2): 104 (1990)—Malawi.
 muelleriana C.C. Berg in Kew Bull., 43(1): 85 (1988)—Mozambique.
 natalensis
 subsp. lepreurii (Miq.) C.C. Berg in Kew Bull., 43(1): 88 (1988); F. lepreurii.
 ottonifolia
 subsp. lucanda (Ficalho) C.C. Berg in Kew Bull., 43(1): 90 (1988); F. lucanda.
 subsp. macrosyce C.C. Berg in Kew Bull., 43(1): 90 (1988)—Zambia, Zaire, Angola.
 subsp. multinervia C.C. Berg in Kew Bull., 43(1): 89 (1988)—Liberia, Senegal, Gambia, Guinea Bissau, Sierra Leone, Guinea, Ivory Coast.
 subsp. ulugurensis (Mildbr. & Burret) C.C. Berg in Kew Bull., 43(1): 92 (1988); F. ulugurensis.
 pachyclada
 subsp. arborea (H. Perrier) C.C. Berg in Bull. Mus. Nation. Hist. Nat., B, Adansonia, Ser. 4, 8(1): 20 (1986); F. sorocoides var. arborea.
 pachyneura C.C. Berg in Kew Bull., 43(1): 92 (1988)—Ghana, Liberia, Ivory Coast.
 piresiana M. Vázquez Avila & C.C. Berg in Acta Amazonica, 14(1-2 Suppl.): 207 (1984 publ. 1986)—Brazil, French Guiana.
 planchonellaefolia A. Guillaumin in Mém. Mus. Nation. Hist. Nat. Nouv. Sér., B (Paris), 15(2): 100 (1967), without type—New Caledonia.
 polita
 subsp. brevipedunculata C.C. Berg in Kew Bull., 43(1): 93 (1988)—Malawi, Tanzania, Zambia.
 pteroporum A. Guillaumin in Mém. Mus. Nation. Hist. Nat. Nouv. Sér., B (Paris), 15(2): 100 (1967)—New Caledonia.
 pubinervis
 var. cuneatonervosa (Yamamoto) S.S. Ying, Colour. Illustr. Pl. Taiwan, Pt. 3; Colour. Illustr. Ligneous Pl. Taiwan, 1: 386 (1987); Ficus cuneatonervosa.
 reflexa
 subsp. aldabrensis (Baker) C.C. Berg in Bull. Mus. Nation. Hist. Nat., B, Adansonia, Ser. 4, 8(1): 45 (1986); F. aldabrensis.
 subsp. sechellensis (Baker) C.C. Berg in Bull. Mus. Nation. Hist. Nat., B, Adansonia, Ser. 4, 8(1): 49 (1986); F. rubra var. sechellensis.
 repens Roxb. ex J.E. Smith in A. Rees, Cyclop., 14: Ficus n. 100 (1810)—East Indies.
 roraimensis C.C. Berg in Acta Amazonica, 14(1-2 Suppl.): 209 (1984 publ. 1986)—Brazil.
 ruficalis
 var. antaensis (Hayata) Hatusima & J.C. Liao in Quart. J. Chinese Forest., 22(1): 135 (1989); F. antaensis.
 sansibarica
 subsp. macrosperma (Mildbr. & Burret) C.C. Berg in Kew Bull., 43(1): 94 (1988); F. macrosperma.
 sarmentosa Buch. ex J.E. Smith in A. Rees, Cyclop., 14: Ficus n. 45 (1810)—Nepal.
- FICUS** :-
 subsp. pubigera (Wall.) R.K. Gupta, Living Himalayas, 2: 376 (1989), without basionym ref.: Basionym not stated.
 scasselatii
 subsp. thikaensis C.C. Berg in Kew Bull., 43(1): 95 (1988)—Kenya.
 semicordata Buch. ex J.E. Smith in A. Rees, Cyclop., 14: Ficus n. 71 (1810)—Nepal.
 subincisa Buch. ex J.E. Smith in A. Rees, Cyclop., 14: Ficus n. 91 (1810)—Nepal.
 tinctoria
 var. cuspidifera (Miq.) V. Chithra in A.N. Henry, G.R. Kumari & V. Chithra, Fl. Tamil Nadu, India, Ser. 1, 2: 255 (1987); F. cuspidifera.
 tremula
 subsp. acuta (De Wild.) C.C. Berg in Kew Bull., 43(1): 96 (1988); F. acuta.
 subsp. kimuenzensis (Warb.) C.C. Berg in Kew Bull., 43(1): 96 (1988); F. kimuenzensis.
 virens
 var. wightiana (Miq.) V. Chithra in A.N. Henry, G.R. Kumari & V. Chithra, Fl. Tamil Nadu, India, Ser. 1, 2: 256 (1987); Urostigma wightianum.
 vittata M. Vázquez Avila in Acta Amazonica, 14(1-2 Suppl.): 211 (1984 publ. 1986)—Peru, Colombia, Ecuador.
- FILAGO** (Compos.).
 asterisciflora (Lam.) Sweet, Hort. Brit., ed. 2: 294 (1830); cf. D.J. Mabberley in Taxon, 31(1): 70 (1982); Basionym not stated.
 petro-ianii J. Rita & M. Dittrich in Davis & Hedge Festschrift (ed. Küt Tan): 1 (1989)—Balearic Is.
- FILIPENDULA** (Rosac.).
 purpurea
 f. alba (Nakai) C.Y. Li in Fl. Liaoningica, chief ed. S.X. Li, 1: 774 (1988); F. multijuga var. alba.
 ulmaria
 subsp. megalocarpa (Juz.) I.A. Shantser in Byull. Mosk. Obsch. Ispyt. Prir., Biol., 94(6): 63 (1989); F. megalocarpa.
- FIMBRISTYLIS** (Cyperac.).
 arnhemensis P.K. Latz in Nuytsia, 7(2): 161 (1990)—Australia (N. Terr.).
 blakei P.K. Latz in Nuytsia, 7(2): 162 (1990)—Australia (N. Terr., W. Australia).
 caloptera P.K. Latz in Nuytsia, 7(2): 163 (1990)—Australia (N. Terr.).
 carolinii P.K. Latz in Nuytsia, 7(2): 164 (1990)—Australia (Queensland).
 composita P.K. Latz in Nuytsia, 7(2): 165 (1990)—Australia (N. Terr.).
 dichotoma
 f. cincta (Ohwi) T. Koyama in J. Jap. Bot., 63(3): 93 (1988); F. tashiroana var. cincta.
 var. floribunda (Miquel) T. Koyama in J. Jap. Bot., 63(3): 90 (1988); F. diphylla var. floribunda.
 f. gracillima T. Koyama in J. Jap. Bot., 63(3): 92 (1988)—Japan.
 var. ochotensis (Meinshausen) T. Koyama in J. Jap. Bot., 63(3): 92 (1988); Scirpus ochotensis.
 var. tentsuki T. Koyama in J. Jap. Bot., 63(3): 91 (1988)—Japan, Korea, China.
 f. tentsuki T. Koyama in J. Jap. Bot., 63(3): 91 (1988)—Japan, Korea, China.
 var. tikushiensis (Hayata) T. Koyama in J. Jap. Bot., 63(3): 91 (1988); F. tikushiensis.
 dunlopii P.K. Latz in Nuytsia, 7(2): 166 (1990)—Australia (N. Terr.).
 hirsutifolia E. Govindarajulu in Proc. Indian Acad. Sci., Pl. Sci., 100(1): 79 (1990)—India.
 juncea
 var. marquesana (Steud.) F.R. Fosberg in J. Jap. Bot., 63(3): 83 (1988); F. marquesana.
 var. nukahivensis (Steud.) F.R. Fosberg in J. Jap. Bot., 63(3): 82 (1988); F. nukahivensis.
 var. separanda (Steud. ex Jardin) F.R. Fosberg in J. Jap. Bot., 63(3): 81 (1988); F. separanda.
 var. tertia (Steud. ex Jardin) F.R. Fosberg in J. Jap. Bot., 63(3): 81 (1988); F. tertia.
 laxiglumis P.K. Latz in Nuytsia, 7(2): 167 (1990)—Australia (N. Terr., W. Australia).
 pseudomicrocarya E. Govindarajulu in Proc. Indian Acad. Sci., Pl. Sci., 100(1): 77 (1990)—India.
- FIMBRISTYLIS** :-
 rupestris P.K. Latz in Nuytsia, 7(2): 167 (1990)—Australia (W. Australia, N. Terr.).
 sachetiana F.R. Fosberg in J. Jap. Bot., 63(3): 83 (1988)—Marquesas Is.
 simulans P.K. Latz in Nuytsia, 7(2): 168 (1990)—Australia (N. Terr., W. Australia).
- FINDLAYA** S. Bowdich in T.E. Bowdich, Exc. Madeira: 258 (1825); cf. D.J. Mabberley in Bot. Macaronesica, 6: 61 (1980). PLUMBAGINACEAE?
 alba S. Bowdich in T.E. Bowdich, Exc. Madeira: 258 (1825); cf. D.J. Mabberley in Bot. Macaronesica, 6: 61 (1980)—Gambia.
- FIRMIANA** (Sterculiac.).
 colorata (Roxb.) R. Brown Pterocymbium: 235 (4 June 1844); Sterculia colorata.†
 subglabra (Abraham & Dutt) A.J.G.H. Kostermans in Blumea, 34(1): 118 (1989); F. colorata var. subglabra.
- FISCHERIA** (Asclepiadac.).
 billbergiana (Beurling) G. Morillo in Ernstia, 50: 13 (1988); Gonolobus billbergianus.
- FISSISTIGMA** (Annonac.).
 guinanense Y. Wan in Bull. Bot. Res. North-East. Forest. Inst., 6(1): 145 (1986)—China.
- FITTINGIA** (Myrsinac.).
 carnosifolia H. Sleumer in Blumea, 33(1): 99 (1988)—Louisiade Archipelago.
 conferta (S. Moore) H. Sleumer in Blumea, 33(1): 98 (1988); Discocalyx conferta.
 tuberculata H. Sleumer in Blumea, 33(1): 97 (1988)—New Guinea (W. Irian, Papua New Guinea).
- FITZWILLIA** P.S. Short in Muelleria, 7(1): 111 (1989). COMPOSITAE.
 axilliflora (W.V. Fitzg. ex Ewart & J. White) P.S. Short in Muelleria, 7(1): 111 (1989); Angianthus axilliflorus.
- FLEISCHMANNIA** (Compos.).
 harlingii R.M. King & H. Robinson in Phytologia, 60(1): 81 (1986)—Ecuador.
- FLEMINGIA** (Legumin.).
 bhutanica A.J.C. Grierson in Notes Roy. Bot. Gard. Edinburgh, 44(2): 257 (1987)—Bhutan.
 macrophylla
 var. viridis (Prain) H.B. Naithani, Flow. Pl. India, Nepal & Bhutan: 117 (1990); F. congesta var. viridis.
- FLICKINGERIA** (Orchidac.).
 crenicristata (Ridley) J.J. Wood in Lindleyana, 5(2): 101 (1990); Dendrobium crenicristatum.
 denigrata (J.J. Smith) J.J. Wood in Lindleyana, 5(2): 101 (1990); Dendrobium denigratum.
 flabelloides (J.J. Smith) J.J. Wood in Lindleyana, 5(2): 101 (1990); Dendrobium flabelloides.
 labangensis (J.J. Smith) J.J. Wood in Lindleyana, 5(2): 101 (1990); Dendrobium labangense.
 punctulosa (J.J. Sm.) J.J. Wood in Kew Bull., 41(4): 819 (1986); Dendrobium punctulosum.
 tairukounia (Ying) T.P. Lin, Native Orchids Taiwan, 3: 85 (1987); Ephemerantha tairukounia.
- FLOSMUTISIA** J. Cuatrecasas in An. Jard. Bot. Madrid, 42(2): 415 (1985 publ. 1986). COMPOSITAE.
 paramicola J. Cuatrecasas in An. Jard. Bot. Madrid, 42(2): 417 (1985 publ. 1986)—Colombia.
- FLOURENSIA** (Compos.).
 cajabambensis M.O. Dillon in Brittonia, 38(1): 32 (1986)—Peru.
- FLUEGGEEA** (Euphorbiac.).
 neowawraea W.J. Hayden in Brittonia, 39(2): 268 (1987), nom. nov.: Neowawraea phyllanthoides Rock.
 virosa
 subsp. himalaica D.G. Long in Notes Roy. Bot. Gard. Edinburgh, 44(1): 167 (1986)—Bhutan, Nepal, Sikkim, India, Assam, Burma.

FOETIDIA (Lecythidac.).

- capuronii *J. Bosser in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 10(2): 112 (1988)—Madagascar.
 cuneata *J. Bosser in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 10(2): 110 (1988)—Madagascar.
 delphinensis *J. Bosser in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 10(2): 108 (1988)—Madagascar.
 dracaenoides *Capuron ex J. Bosser in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 10(2): 106 (1988)—Madagascar.
 macrocarpa *J. Bosser in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 10(2): 117 (1988)—Madagascar.
 var. *ambilobensis J. Bosser in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 10(2): 119 (1988)—Madagascar.
 parviflora *Capuron ex J. Bosser in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 10(2): 108 (1988)—Madagascar.
 pterocarpa *J. Bosser in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 10(2): 111 (1988)—Madagascar.
 rubescens *J. Bosser in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 10(2): 112 (1988)—Madagascar.
 sambiranensis *J. Bosser in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 10(2): 116 (1988)—Madagascar.
 vohemarensis *J. Bosser in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 10(2): 114 (1988)—Madagascar.

FORDIA (Legumin.).

- microphylla *Dunn ex Z. Wei in Acta Phytotax. Sin.*, 27(1): 75 (1989)—China.
 splendissima (*Blume ex Miq.*) *J.R.M. Buijssen in Blumea*, 33(1): 255 (1988): *Millettia splendissima*.
 subsp. *rheophytica J.R.M. Buijssen in Blumea*, 33(1): 258 (1988)—Borneo (Sarawak).

FORDIOPHYTON (Melastomatac.).

- maculatum *C.Y. Wu ex Z. Wei & Y.B. Chang in Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 35 (1989)—China.

FORMANODENDRON K.C. Nixon & W.L. Crepet in *Amer. J. Bot.*, 76(6): 840 (1989). **FAGACEAE**.

- doichangensis (*Camus*) *K.C. Nixon & W.L. Crepet in Amer. J. Bot.*, 76(6): 840 (1989): *Quercus doichangensis*.

FORSYTHIA (Oleac.).

- mira M.C. Chang in Invest. Stud. Nat., Mus. Hist. Nat. Shanghaiense*, 7: 16 (1987)—China.
 saxatilis
 var. *lanceolata S. Lee in Korean J. Pl. Taxon.*, 14(2): 91 (1984)—Korea.
 var. *pilosa S. Lee in Korean J. Pl. Taxon.*, 14(2): 92 (1984)—Korea.

FOSTERELLA (Bromeliac.).

- heterophylla *W. Rauh in Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 60: 24 (1987)—Bolivia.

FOVEOLINA M. Källersjö in *Bot. J. Linn. Soc.*, 96(4): 316 (1988). **COMPOSITAE**.

- albida (*DC.*) *M. Källersjö in Bot. J. Linn. Soc.*, 96(4): 319 (1988): *Tanacetum albidum*.
 albidiformis (*Theell.*) *M. Källersjö in Bot. J. Linn. Soc.*, 96(4): 320 (1988): *Matricaria albidiformis*.
 dichotoma (*DC.*) *M. Källersjö in Bot. J. Linn. Soc.*, 96(4): 319 (1988): *Pentzia dichotoma*.
 schinziana (*Theell.*) *M. Källersjö in Bot. J. Linn. Soc.*, 96(4): 320 (1988): *Matricaria schinziana*.
 tenella (*DC.*) *M. Källersjö in Bot. J. Linn. Soc.*, 96(4): 319 (1988): *Matricaria tenella*.

FRAGARIA (Rosac.).

- ×*vescana R. & A. Bauer in Osnabrücker Naturwiss. Mitt.*, 15: 53 (1989)—Cultivation.

FRAILEA (Cactac.).

- buenekeri *W.R. Abraham in Succulenta*, 69(3): 64 (1990)—Brazil.
 chrysacantha *V. Hrabě in Kaktusy (Brno)*, 65(Listopad-Prosinec): 131 (1965)—Locality not stated.

FRANCISCODENDRON B.P.M. Hyland & C.G.G.J. van Steenis in *Brunonia*, 10(2): 212 (1987). **STERCULIACEAE**.

- laurifolium (*F. Muell.*) *B.P.M. Hyland & C.G.G.J. van Steenis in Brunonia*, 10(2): 212 (1987): *Sterculia laurifolia*.

FRAXINUS (Oleac.).

- americana
 f. *barrii W.H. Wagner in Mich. Bot.*, 27(4): 130 (1988)—U.S.A. (Michigan).
 angustifolia
 var. *ramosa B. Kevey in Bot. Közlem.*, 74-75(1-2): 97 (1987-88 publ. 1988), without type—Hungary.
 caudata *J.L. Wu in J. Wuhan Bot. Res.*, 5(4): 350 (1987), nom. nov., as 'caudala': *F. chinensis* var. *acuminata Lingelsh.*
 fallax
 var. *stylosa (Lingelsh.) Chu & J.L. Wu in J. Wuhan Bot. Res.*, 5(4): 348 (1987): *F. stylosa*.
 mandshurica
 subsp. *brevipedicellata S.Z. Qu & T.C. Cui in Acta Bot. Bor.-Occid. Sin.*, 8(2): 130 (1988)—China.
 medicinalis *S.S. Sun in Bull. Bot. Res. North-East. Forest. Inst.*, 8(1): 51 (1988)—China.
 nanchuanensis *S.S. Sun & J.L. Wu in Bull. Bot. Res. North-East. Forest. Inst.*, 9(3): 33 (1989)—China.
 rhynchophylla
 var. *hopeiensis (Tang) Chü ex J.Z. Liu in Fl. Hebeiensis*, 2: 323 (1988): *F. hopeiensis*.
 var. *huashanensis J.L. Wu & Z.W. Xie in J. Wuhan Bot. Res.*, 5(4): 353 (1987)—China.
 sogdiana *A. Bunge, Beitr. Fl. Russl.*: 214 (1852)—U.S.S.R. (Middle Asia).†

FREZIERA (Theac.).

- carinata *A.L. Weitzman in J. Arnold Arbor.*, 68(3): 325 (1987)—Venezuela.
 echinata *A.L. Weitzman in J. Arnold Arbor.*, 68(3): 328 (1987)—Colombia.
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 ser. *Zhufenense Y.K. Yang & J.K. Wu in J. Wuhan Bot. Res.*, 5(2): 144 (1987).
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 anhuiensis
 var. *albiflora S.C. Chen & S.F. Yin in Acta Bot. Yunnanica*, 7(3): 307 (1985)—China.
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 chuanbeiensis *Y.K. Yang, D.H. Jiang & Y.H. Yang in J. Wuhan Bot. Res.*, 5(2): 137 (1987)—China.
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 chuanganensis *Y.K. Yang & J.K. Wu in Acta Bot. Bor.-Occid. Sin.*, 5(1): 28 (1985), with two types cited—China.
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 cirrhosa
 var. *brevistigma Y.K. Yang & J.K. Wu in Acta Bot. Bor.-Occid. Sin.*, 5(1): 36 (1985)—China.
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 var. *jilongensis Y.K. Yang & Gesan in Acta Bot. Bor.-Occid. Sin.*, 5(1): 34 (1985), with two types cited—Xizang.
 delavayi
 var. *banmaensis Y.K. Yang & J.K. Wu in Acta Bot. Bor.-Occid. Sin.*, 5(1): 24 (1985)—China.
 duilongdeqingensis *Y.K. Yang & Gesan in Acta Bot. Bor.-Occid. Sin.*, 5(1): 30 (1985)—Xizang.
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 f. *tonglingensis (S.C. Chen & S.F. Yin) Y.K. Yang & Y.H. Zhang in J. Wuhan Bot. Res.*, 5(2): 141 (1987): *F. monantha* var. *tonglingensis*.
 ionica
 var. *ochridana K. Micevski in Acta Bot. Croat.*, 37: 212 (1978)—Jugoslavia.
 karelinii
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 kittaniae *F. Sorger in Herbertia*, 43(2): 38 (1987 publ. 1988)—Turkey.
 lanzhouensis *Y.K. Yang, P.P. Ling & G. Yao in J. Wuhan Bot. Res.*, 5(2): 132 (1987)—China.
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 lishiensis *Y.K. Yang & J.K. Wu in J. Wuhan Bot. Res.*, 5(2): 134 (1987)—China.
 var. *yichengensis Y.K. Yang & P.P. Ling in J. Wuhan Bot. Res.*, 5(2): 135 (1987)—China.
 lixianensis *Y.K. Yang & J.K. Wu in Acta Bot. Bor.-Occid. Sin.*, 5(1): 25 (1985)—China.
 meleagroides
 var. *flavovirens X.Z. Duan & X.J. Zheng in Acta Phytotax. Sin.*, 25(1): 58 (1987)—Xinjiang.
 var. *plena X.Z. Duan & X.J. Zheng in Acta Phytotax. Sin.*, 27(4): 309 (1989)—Xinjiang.
 var. *rhodantha X.Z. Duan & X.J. Zheng in Acta Phytotax. Sin.*, 27(4): 309 (1989)—Xinjiang.
 monantha
 var. *ningguoica Y.K. Yang & M.M. Fang in J. Wuhan Bot. Res.*, 5(2): 143 (1987)—China.
 ningguoensis *S.C. Chen & S.F. Yin in Acta Bot. Yunnanica*, 7(3): 306 (1985)—China.
 pallidiflora
 var. *plena X.Z. Duan & X.J. Zheng in Acta Phytotax. Sin.*, 27(4): 306 (1989)—Xinjiang.
 parvialbiflora
 var. *viridicaulis X.Z. Duan & X.J. Zheng in Acta Phytotax. Sin.*, 27(4): 308 (1989)—Xinjiang.
 pingwuensis *Y.K. Yang & J.K. Wu in Acta Bot. Bor.-Occid. Sin.*, 5(1): 26 (1985)—China.
 przewalskii
 var. *discolor Y.K. Yang & Y.S. Zhou in Acta Bot. Bor.-Occid. Sin.*, 5(1): 40 (1985)—China.
 f. *emacula Y.K. Yang & J.K. Wu in Acta Bot. Bor.-Occid. Sin.*, 5(1): 40 (1985)—China.

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subsp. *argolica* E. Zaharof in *Willdenowia*, 16(2): 348 (1987)—Greece.
- rixii E. Zaharof in *Nordic J. Bot.*, 6(6): 727 (1986)—Greece.
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- shennongjiaensis Y.K. Yang & Z. Zheng in *J. Wuhan Bot. Res.*, 5(2): 136 (1987), with two types cited—China.
- var. *zhengbaensis* Y.K. Yang & J.X. Yang in *J. Wuhan Bot. Res.*, 5(2): 137 (1987)—China.
- shuchengensis Y.K. Yang, D.Q. Wang & J.Z. Shao in *J. Wuhan Bot. Res.*, 5(2): 140 (1987)—China.
- tachengensis X.Z. Duan & X.J. Zheng in *Acta Phytotax. Sin.*, 25(1): 61 (1987)—Xinjiang.
- var. *nivea* Y.K. Yang & S.X. Zhang in *J. Wuhan Bot. Res.*, 5(2): 129 (1987)—Xinjiang.
- taipaiensis
var. *fengxianensis* Y.K. Yang & J.K. Wu in *J. Wuhan Bot. Res.*, 5(2): 134 (1987)—China.
- var. *ningxiaensis* Y.K. Yang & J.K. Wu in *Acta Bot. Bor.-Occid. Sin.*, 5(1): 32 (1985)—China.
- f. *platyphylla* Y.K. Yang & S.X. Zhang in *J. Wuhan Bot. Res.*, 5(2): 134 (1987)—China.
- var. *wanyuanensis* Y.K. Yang & J.K. Wu in *Acta Bot. Bor.-Occid. Sin.*, 5(1): 32 (1985), with two types cited—China.
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- var. *zhouquensis* S.C. Chen & G.D. Yu in *Acta Bot. Yunnanica*, 7(2): 149 (1985)—China.
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- tortifolia X.Z. Duan & X.J. Zheng in *Acta Phytotax. Sin.*, 25(1): 59 (1987)—Xinjiang.
- var. *albiflora* X.Z. Duan & X.J. Zheng in *Acta Phytotax. Sin.*, 27(4): 307 (1989)—Xinjiang.
- var. *barlikensis* X.Z. Duan & X.J. Zheng in *Acta Phytotax. Sin.*, 27(4): 308 (1989)—Xinjiang.
- var. *citrina* X.Z. Duan & X.J. Zheng in *Acta Phytotax. Sin.*, 25(1): 60 (1987)—Xinjiang.
- var. *parviflora* X.Z. Duan & X.J. Zheng in *Acta Phytotax. Sin.*, 27(4): 307 (1989)—Xinjiang.
- var. *plena* X.Z. Duan & X.J. Zheng in *Acta Phytotax. Sin.*, 27(4): 307 (1989)—Xinjiang.
- var. *wusunica* X.Z. Duan & X.J. Zheng in *Acta Phytotax. Sin.*, 27(4): 308 (1989)—Xinjiang.
- unibracteata
var. *ganziensis* Y.K. Yang & J.K. Wu in *J. Wuhan Bot. Res.*, 5(2): 137 (1987)—China.
- verticillata
var. *jimunaica* X.Z. Duan & X.J. Zheng in *Acta Phytotax. Sin.*, 25(1): 61 (1987)—Xinjiang.
- walujewii
var. *plena* X.Z. Duan & X.J. Zheng in *Acta Phytotax. Sin.*, 27(4): 306 (1989)—Xinjiang.
- var. *shawanensis* X.Z. Duan & X.J. Zheng in *Acta Phytotax. Sin.*, 27(4): 306 (1989)—Xinjiang.
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- xiaobeimu Y.K. Yang, J.Z. Shao & M.M. Fang in *J. Wuhan Bot. Res.*, 5(2): 142 (1987)—China.
- xibeiensis Y.K. Yang, C.X. Feng & H.Z. Yang in *J. Wuhan Bot. Res.*, 5(2): 130 (1987)—China.
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- xizangensis Y.K. Yang & Gesan in *Acta Bot. Bor.-Occid. Sin.*, 5(1): 22 (1985), with two types cited—Xizang.
- yuminensis
var. *albiflora* X.Z. Duan & X.J. Zheng in *Acta Phytotax. Sin.*, 27(4): 308 (1989)—China.
- var. *roseoflora* X.Z. Duan & X.J. Zheng in *Acta Phytotax. Sin.*, 27(4): 309 (1989)—Xinjiang.
- var. *variatis* Y.K. Yang & G.J. Liu in *J. Wuhan Bot. Res.*, 5(2): 129 (1987)—Xinjiang.

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sect. *Pachyrrhiza* P.E. Berry & B.A. Stein in *Syst. Bot.*, 13(4): 483 (1988).
- brevilobis P.E. Berry in *Ann. Missouri Bot. Gard.*, 76(2): 552 (1989)—Brazil.
- hatschbachii P.E. Berry in *Ann. Missouri Bot. Gard.*, 76(2): 559 (1989)—Brazil.
- pachyrrhiza P.E. Berry & B.A. Stein in *Syst. Bot.*, 13(4): 484 (1988)—Peru.
- regia
subsp. *reitzii* P.E. Berry in *Ann. Missouri Bot. Gard.*, 76(2): 577 (1989)—Brazil.
- subsp. *serrae* P.E. Berry in *Ann. Missouri Bot. Gard.*, 76(2): 573 (1989)—Brazil.
- FUIRENA (Cyperac.).
obcordata P.L. Forbes in *S. Afr. J. Bot.*, 52(3): 238 (1986), sp. nov. without latin descr.; et in *S. Afr. J. Bot.*, 53(2): 185 (1987)—South Africa (Natal, Transvaal), Mozambique, Namibia.
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thymifolia
subsp. *laevis* (Cav.) J. Molero & A.M. Rovira in *Candollea*, 42(2): 524 (1987): *Cistus laevis*.
- FUMARIA (Papaverac.).
barnolae
subsp. *algerica* (Haukskn.) M. Lidén in *Op. Bot.*, 88: 50 (1986): F. agraria var. *algerica*.
- capitata M. Lidén in *Op. Bot.*, 88: 69 (1986)—Algeria.
- erostrata (Pugsley) M. Lidén in *Op. Bot.*, 88: 56 (1986): F. agraria var. *erostrata*.
- judaica
subsp. *amarysia* (Boiss. & Heldr.) M. Lidén in *Op. Bot.*, 88: 49 (1986): F. amarysia.
- subsp. *insignis* (Pugsley) M. Lidén in *Op. Bot.*, 88: 48 (1986): F. judaica var. *insignis*.
- macrocarpa
subsp. *cyrenaica* M. Lidén in *Op. Bot.*, 88: 48 (1986)—Libya.
- macrosepala
subsp. *macrocarpa* M. Lidén in *Op. Bot.*, 88: 63 (1986)—Morocco.
- subsp. *megasepala* (Pau) M. Lidén in *Op. Bot.*, 88: 64 (1986): F. megasepala.
- subsp. *obscura* (Pugsley) M. Lidén in *Op. Bot.*, 88: 64 (1986): F. macrosepala var. *obscura*.
- maireri
subsp. *saxicola* M. Lidén in *Op. Bot.*, 88: 70 (1986)—Algeria.
- muralis
var. *major* (Boreau) P.D. Sell in *Watsonia*, 18(1): 92 (1990): F. *bastardii* var. *major*.
- officinalis
subsp. *cilicica* (Haukskn.) M. Lidén in *Op. Bot.*, 88: 83 (1986): F. cilicica.
- ouezzanensis
subsp. *ramosa* M. Lidén in *Op. Bot.*, 88: 75 (1986)—Morocco.
- platycarpa M. Lidén in *Op. Bot.*, 88: 87 (1986)—Algeria.
- rifana M. Lidén in *Op. Bot.*, 88: 76 (1986)—Morocco.
- rupestris
subsp. *bifrons* (Pugsley) M. Lidén in *Op. Bot.*, 88: 60 (1986): F. bifrons.
- subsp. *calycina* M. Lidén in *Op. Bot.*, 88: 59 (1986)—Morocco.
- subsp. *micranthifolia* (Pugsley) M. Lidén in *Op. Bot.*, 88: 60 (1986): F. micranthifolia.
- subsp. *pulchra* M. Lidén in *Op. Bot.*, 88: 58 (1986)—Morocco.
- schleicheri
subsp. *microcarpa* (Haukskn.) M. Lidén in *Op. Bot.*, 88: 91 (1986): F. schleicheri var. *microcarpa*.

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- sepium
subsp. *rugosa* M. Lidén in *Op. Bot.*, 88: 75 (1986)—Morocco.
- skottsbergii M. Lidén in *Op. Bot.*, 88: 57 (1986)—Morocco.
- FURCATELLA M.G. Baumann-Bodenheim, Syst. Fl. Neu-Caledonien, 4: 103 (1988 publ. Jan. 1989), nom. nov., without replaced synonym ref.; et Syst. Fl. Neu-Caledonien, 5: 98 (May 1989), without replaced synonym ref.: *Uragoga* § *Forcipella* Baill. (Rubiac.).
- rupicola (Baill.) M.G. Baumann-Bodenheim, Syst. Fl. Neu-Caledonien, 4: 103 (1988 publ. Jan. 1989), without basionym ref.; et Syst. Fl. Neu-Caledonien, 5: 98 (May 1989), with basionym ref., generic name not validly publ.: *Uragoga rupicola*.

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- laxiflorum W.H.A. Hekking in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 87(2): 124 (1984)—Panama.

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GAERTNERA (Rubiac.).

- godefroyana E. Jacob de Cordemoy, Fl. L'Ile de la Réunion: 469 (1895)—Réunion.
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GAGEA (Liliac.).

- ser. *Capillifoliae* I.G. Levichev in *Bot. Zhurn.*, 75(2): 230 (1990).
- ser. *Capusiformes* I.G. Levichev in *Bot. Zhurn.*, 75(2): 228 (1990).
- ser. *Chomutovaeformes* I.G. Levichev in *Bot. Zhurn.*, 75(2): 230 (1990).
- sect. *Graminifoliae* I.G. Levichev in *Bot. Zhurn.*, 75(2): 231 (1990).
- ser. *Granulosae* I.G. Levichev in *Bot. Zhurn.*, 75(2): 228 (1990).
- sect. *Incrustatae* I.G. Levichev in *Bot. Zhurn.*, 75(2): 232 (1990).
- sect. *Minimoides* (Torr.) I.G. Levichev in *Bot. Zhurn.*, 75(2): 229 (1990): G. group *Minimoides*.
- ser. *Minutae* I.G. Levichev in *Bot. Zhurn.*, 75(2): 231 (1990).
- ser. *Olgaeformes* I.G. Levichev in *Bot. Zhurn.*, 75(2): 233 (1990).
- ser. *Persicae* I.G. Levichev in *Bot. Zhurn.*, 75(2): 230 (1990).
- ser. *Stipitatae* (Pasch.) I.G. Levichev in *Bot. Zhurn.*, 75(2): 230 (1990): G. Reihe *Stipitatae*.
- ser. *Vvedenskyiformes* I.G. Levichev in *Bot. Zhurn.*, 75(2): 232 (1990).
- × *absurda* I.G. Levichev in *Bot. Zhurn.*, 75(5): 665 (1990)—U.S.S.R. (Middle Asia). (G. *chomutovae* × *subtilis*).
- angrenica* I.G. Levichev in *Bot. Zhurn.*, 73(11): 1618 (1988)—U.S.S.R. (Middle Asia).
- anonyma* K.H. Rechinger in *Pl. Syst. Evol.*, 153(3-4): 288 (1986)—Iran, Afghanistan.
- azutavica* Yu.A. Kotukhov in *Bot. Zhurn.*, 74(11): 1663 (1989)—U.S.S.R. (Siberia).
- chloroneura* K.H. Rechinger in *Pl. Syst. Evol.*, 153(3-4): 290 (1986)—Afghanistan.
- czatkalica* I.G. Levichev in *L.S. Krasovskaya & I.G. Levichev, Fl. Chatkal'skogo Zapovednika*: 155 (1986)—U.S.S.R. (Middle Asia).
- foliosa*
subsp. *nevadensis* (Boiss.) O. de Bolòs, R.M. Masalles & J. Vigo in *Collect. Bot.*, 17(1): 95 (1987 publ. 1988): G. *nevadensis*.
- fragifera* (Vill.) E. Bayer & G. López González in *Taxon*, 38(4): 643 (1989): *Ornithogalum fragiferum*.
- grey-wilsonii* K.H. Rechinger in *Pl. Syst. Evol.*, 153(3-4): 290 (1986)—Iran.
- humicola* I.G. Levichev in *L.S. Krasovskaya & I.G. Levichev, Fl. Chatkal'skogo Zapovednika*: 158 (1986)—U.S.S.R. (Middle Asia).

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 ignota I.G. Levichev in L.S. Krasovskaya & I.G. Levichev, *Fl. Chatkal'skogo Zapovednika*: 160 (1986)—U.S.S.R. (Middle Asia).
 kuraminica I.G. Levichev in *Bot. Zhurn.*, 73(11): 1617 (1988)—U.S.S.R. (Middle Asia).
 lasczinskiyi N.I. Zolotukhin in *Fl. Sibir. (Arac.-Orchidac.)*: 52 (1987)—U.S.S.R. (Siberia).
 lutea
 f. bulbifera I.G. Zoz & E.S. Kul'tenko in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 129 (1976 publ. 1977), without type—U.S.S.R. (Ukraine).
 olgae
 f. dilatata I.G. Levichev in L.S. Krasovskaya & I.G. Levichev, *Fl. Chatkal'skogo Zapovednika*: 163 (1986)—U.S.S.R. (Middle Asia).
 persica
 var. kashmiriensis (Turrill) S. Dasgupta & D.B. Deb in *J. Bombay Nat. Hist. Soc.*, 83(1): 87 (1986); G. kashmiriensis.
 pineticola M.V. Klokov in *Ucheni Zap. Kharkiv. Derzhav. Univ.*, 4: 63 (1936)—U.S.S.R. (Ukraine).
 rufidula I.G. Levichev in *Bot. Zhurn.*, 73(11): 1622 (1988)—U.S.S.R. (Middle Asia).
 rupicola I.G. Levichev in L.S. Krasovskaya & I.G. Levichev, *Fl. Chatkal'skogo Zapovednika*: 163 (1986)—U.S.S.R. (Middle Asia).
 siphonantha K.H. Rechinger in *Pl. Syst. Evol.*, 153(3-4): 289 (1986)—Afghanistan.
 soleimani (Borrm. ex Pascher) K.H. Rechinger in *Fl. Iran.*, 165: 43 (1990); G. uliginosa var. soleimani.
 soleirolii
 subsp. nevadensis (Boiss.) E. Bayer & G. López González in *Taxon*, 38(4): 644 (1989); G. nevadensis.
 staintonii K.H. Rechinger in *Pl. Syst. Evol.*, 153(3-4): 289 (1986)—Pakistan, Afghanistan.
 stipitata Mercklin in A. Bunge, *Beitr. Fl. Russl.*: 336 (1852)—U.S.S.R. (Middle Asia).
 talassica I.G. Levichev in *Bot. Zhurn.*, 73(11): 1620 (1988)—U.S.S.R. (Middle Asia).
 toktogulii I.G. Levichev in *Bot. Zhurn.*, 73(11): 1621 (1988)—U.S.S.R. (Middle Asia).
 toppinii S. Dasgupta & D.B. Deb in *J. Bombay Nat. Hist. Soc.*, 83(1): 93, 164 (1986)—Pakistan.
 × turanica I.G. Levichev in *Bot. Zhurn.*, 75(5): 663 (1990)—U.S.S.R. (Middle Asia). (G. ova × stipitata).
 × vaga I.G. Levichev in *Bot. Zhurn.*, 75(5): 665 (1990)—U.S.S.R. (Middle Asia). (G. bulbifera × rufidula).
 wendelboi K.H. Rechinger in *Pl. Syst. Evol.*, 153(3-4): 291 (1986)—Iran.
- GAGNEBINA** (Legumin.).
 commersoniana
 var. aldabrensis G.P. Lewis & Ph. Guinet in *Kew Bull.*, 41(2): 465 (1986)—Aldabra Archipelago.
 var. calcicola (R. Vig.) G.P. Lewis & Ph. Guinet in *Kew Bull.*, 41(2): 465 (1986); G. commersoniana subsp. calcicola.
 myriophylla (Baker) G.P. Lewis & Ph. Guinet in *Kew Bull.*, 41(2): 469 (1986); *Dichrostachys myriophylla*.
 pervilleana (Baill.) G.P. Lewis & Ph. Guinet in *Kew Bull.*, 41(2): 469 (1986); *Desmanthus pervilleanus*.
- GAHNIA** (Cyperac.).
 vitiensis
 subsp. kauaiensis (Bent) T. Koyama in *Bishop Mus. Occas. Pap.*, 29: 126 (1989); G. kauaiensis.
- GAILLONIA** (Rubiace.).
 chitralensis S. Nazimuddin in *Fl. Pakistan*, 190: 106 (1989)—Pakistan.
- GALACTIA** (Legumin.).
 densiflora M.T. Germán R. & M. Sousa S. in *Iselya*, 2(3): 109 (1985)—Mexico.
 microphylla (Chapman) Rogers ex D. Isely in *Brittonia*, 38(4): 354 (1986); G. floridana var. microphylla.
- GALARHOEUS** (Euphorbiac.).
 pseudagrarius (P. Smirn.) Ya.I. Prokhanov in *Trudy Kuibyshevsk. Bot. Sada*, 1: 68 (1941); *Euphorbia pseudagraria*.
- GALARHOEUS** :-
 zhiuliensis Ya.I. Prokhanov in *Trudy Kuibyshevsk. Bot. Sada*, 1: 64 (1941)—U.S.S.R. (European Russia).
- GALEARIS** (Orchidac.).
 spectabilis
 f. albiflora (Ulke) C.F. Reed in *Phytologia*, 63(5): 410 (1987); *Orchis spectabilis* f. albiflora.
- GALEOBDELON** (Labiata.).
 caucasicum A.P. Khokhryakov in *Byull. Glavn. Bot. Sada (Moscow)*, 152: 62 (1989)—U.S.S.R. (Caucasus), Turkey, Iran.
- GALEOMMA** (Compos.).
 stenolepis (S. Moore) O.M. Hilliard in *Fl. S. Afr.*, 33(7:2): 13 (1983); *Gnaphalium stenolepis*.
- GALEOPSIS** (Labiata.).
 ladanum
 subsp. cebennensis (Br.-Bl.) M. Kerguelen in *Lejeunia*, 120: 103 (1987); G. intermedia subsp. cebennensis.
- GALEOTTIA** (Orchidac.).
 acuminata (C. Schweinf.) Dressler & E.A. Christenson in *Lindleyana*, 3(4): 221 (1988 publ. 1989); *Zygopetalum acuminatum*.
 antioquiiana (Kränzl.) Dressler & E.A. Christenson in *Lindleyana*, 3(4): 221 (1988 publ. 1989); *Batemannia antioquiiana*.
 burkei (Reichb. f.) Dressler & E.A. Christenson in *Lindleyana*, 3(4): 221 (1988 publ. 1989); *Zygopetalum burkei*.
 ciliata (Morel) Dressler & E.A. Christenson in *Lindleyana*, 3(4): 221 (1988 publ. 1989); *Zygopetalum ciliatum*.
 colombiana (Garay) Dressler & E.A. Christenson in *Lindleyana*, 3(4): 222 (1988 publ. 1989); *Mendoncella colombiana*.
 marginata (Garay) Dressler & E.A. Christenson in *Lindleyana*, 3(4): 222 (1988 publ. 1989); *Zygopetalum marginatum*.
 prainiana (Rolfe) Dressler & E.A. Christenson in *Lindleyana*, 3(4): 222 (1988 publ. 1989); *Zygopetalum prainianum*.
- GALINIARA** (Rubiace.).
 saxifraga (A. Rich.) D. Bridson in *Fl. Trop. E. Afr.*, *Rubiace. (Part 2)*: 696 (1988); *Pouchetia saxifraga*.
- GALINSOGA** (Compos.).
 spellenbergii B.L. Turner in *Phytologia*, 59(2): 91 (1986)—Mexico.
- GALIPEA** (Rutac.).
 granulosa J.A. Kallunki in *Brittonia*, 40(3): 241 (1988)—Nicaragua, Costa Rica.
- GALIMUM** (Rubiace.).
 absurdum F. Krenzl in *Bot. Chronika*, 6-7: 108 (1986-87 publ. 1987)—Greece.
 advenum F. Krenzl in *Bot. Chronika*, 6-7: 152 (1986-87 publ. 1987)—Greece.
 agrophilum F. Krenzl in *Bot. Chronika*, 6-7: 49 (1986-87 publ. 1987)—Greece, Turkey.
 album
 f. pubescens (Schrad.) M. Anchev in *Fl. Nar. Republ. Bulgariya*, 9: 65 (1989); G. mollugo f. pubescens.
 antuneziae L.T. Dempster in *Madroño*, 35(1): 1 (1988)—Peru.
 arequipicum L.T. Dempster in *Allertonia*, 5(3): 318 (1990)—Peru.
 asperifolium
 var. lasiocarpum W.C. Chen in *Acta Phytotax. Sin.*, 28(4): 303 (1990)—China.
 var. obovatum S. Nazimuddin in *Fl. Pakistan*, 190: 83 (1989)—Pakistan.
 asperuloides
 subsp. hoffmeisteri (Klotzsch) H. Hara in *Enum. Fl. Pl. Nepal*, 2: 201 (1979); *Asperula hoffmeisteri*.
 avascense F. Krenzl in *Bot. Chronika*, 6-7: 80 (1986-87 publ. 1987)—Greece.
 boreale
 var. lancilimum W.C. Chen in *Acta Phytotax. Sin.*, 28(4): 302 (1990)—China, Xinjiang.
- GALIMUM** :-
 boreo-aethiopicum C. Puff in *Bull. Jard. Bot. Nation. Belg.*, 59(3-4): 411 (1989), as 'boreo-aethiopicum'—Ethiopia.
 bourgeanum
 subsp. maroccanum (Ball) J.M. Montserrat in *Treb. Inst. Bot. Barcelona*, 11: 24 (1987); G. bourgeanum var. maroccanum.
 breviramum F. Krenzl in *Bot. Chronika*, 6-7: 67 (1986-87 publ. 1987)—Jugoslavia, Greece.
 brockmannii
 subsp. aterratzense A.M. Romo i Diez, *Fl. Veg. Montsec (Pre-Pirineus Catalans)*: 231 (1989)—Spain.
 buchtienii L.T. Dempster in *Allertonia*, 5(3): 301 (1990)—Bolivia.
 cajamarcense L.T. Dempster in *Madroño*, 35(1): 3 (1988)—Peru.
 campylotrichum S. Nazimuddin & F. Ehrendorfer in *Pl. Syst. Evol.*, 155(1-4): 73 (1987)—Pakistan.
 capreum F. Krenzl in *Bot. Chronika*, 6-7: 119 (1986-87 publ. 1987)—Greece.
 chitralensis S. Nazimuddin in *Fl. Pakistan*, 190: 69 (1989)—Pakistan.
 circae F. Krenzl in *Bot. Chronika*, 6-7: 70 (1986-87 publ. 1987)—Greece.
 conforme F. Krenzl in *Bot. Chronika*, 6-7: 91 (1986-87 publ. 1987)—East Aegean Is., Rhodes, Greece.
 crassifolium W.C. Chen in *Acta Phytotax. Sin.*, 28(4): 299 (1990)—China.
 decorum F. Krenzl in *Bot. Chronika*, 6-7: 133 (1986-87 publ. 1987)—Greece.
 demissum
 subsp. stajanovii (Deg.) M. Anchev in *Fl. Nar. Republ. Bulgariya*, 9: 87 (1989); G. stajanovii.
 densiflorum
 var. rosmarinifolium (Bunge) N.N. Tsvelev in *Arktich. Fl. SSSR*, 10: 18 (1987); G. verum var. rosmarinifolium.
 var. saurense (Litv.) N.N. Tsvelev in *Novosti Sist. Vyssh. Rast.*, 23: 158 (1986); G. saurense.
 elegans
 var. nephrostigmaticum (Diels) W.C. Chen in *Acta Phytotax. Sin.*, 28(4): 301 (1990); G. nephrostigmaticum.
 f. vestitum (D. Don) H. Hara in *Enum. Fl. Pl. Nepal*, 2: 201 (1979); G. vestitum.
 espiniacium L.T. Dempster in *Allertonia*, 5(3): 299 (1990)—Brazil.
 exaltatum F. Krenzl in *Bot. Chronika*, 6-7: 46 (1986-87 publ. 1987)—Greece.
 extensum F. Krenzl in *Bot. Chronika*, 6-7: 89 (1986-87 publ. 1987)—Crete.
 fosbergii L.T. Dempster in *Madroño*, 35(1): 3 (1988)—Ecuador.
 gymnopetalum F. Ehrendorfer & E. Schönbeck-Temesy in *Pl. Syst. Evol.*, 155(1-4): 78 (1987)—India.
 hatschbachii L.T. Dempster in *Allertonia*, 5(3): 303 (1990)—Brazil.
 hellenicum F. Krenzl in *Bot. Chronika*, 6-7: 73 (1986-87 publ. 1987)—Greece, Bulgaria, Jugoslavia.
 humifusum
 var. confertum (C. Koch) M. Anchev in *Fl. Nar. Republ. Bulgariya*, 9: 60 (1989); *Asperula humifusa* var. conferta.
 var. diffusum (C. Koch) M. Anchev in *Fl. Nar. Republ. Bulgariya*, 9: 60 (1989); *Asperula humifusa* var. diffusa.
 hypocarpium
 subsp. alluviale (Ehrend.) L.T. Dempster in *Allertonia*, 5(3): 315 (1990); *Relbunium hypocarpium* subsp. alluviale.
 subsp. buxifolium (K. Schum.) L.T. Dempster in *Allertonia*, 5(3): 315 (1990); *Relbunium buxifolium*.
 subsp. gracillimum (Ehrend.) L.T. Dempster in *Allertonia*, 5(3): 317 (1990); *Relbunium gracillimum*.
 subsp. indecorum (Cham. & Schlechtendal) L.T. Dempster in *Allertonia*, 5(3): 317 (1990); *Rubia indecora*.
 subsp. titicacum L.T. Dempster in *Allertonia*, 5(3): 318 (1990)—Bolivia.
 insulare F. Krenzl in *Bot. Chronika*, 6-7: 56 (1986-87 publ. 1987)—Greece.

GALIUM :-

- irinae M.G. Pakhomova in *Opred. Rast. Sred. Azii*, 9: 367 (1987)—U.S.S.R. (Middle Asia).
 kasachstanicum M.G. Pakhomova in *Opred. Rast. Sred. Azii*, 9: 368 (1987)—U.S.S.R. (Middle Asia).
 kurramensis S. Nazimuddin in *Fl. Pakistan*, 190: 57 (1989)—Pakistan.
 lahulense F. Ehrendorfer & E. Schönbeck-Temesy in *Pl. Syst. Evol.*, 155(1-4): 79 (1987)—India.
 macedonicum F. Krendl in *Bot. Chronika*, 6-7: 121 (1986-87 publ. 1987)—Yugoslavia, Bulgaria, Greece.
 mahadivense G. Singh in G. Singh & P. Kachroo, *Forest Fl. Srinagar*: 125 (1987), as 'mahadivensis'—India.
 malickyi F. Krendl in *Bot. Chronika*, 6-7: 150 (1986-87 publ. 1987)—Greece.
 mexicanum
 var. *aspermum* (Gray) L.C. Higgins & S.L. Welsh in *Great Basin Nat.*, 46(2): 260 (1986); G. *aspermum*.
 mixtum F. Krendl in *Bot. Chronika*, 6-7: 105 (1986-87 publ. 1987)—Greece.
 monasterium F. Krendl in *Bot. Chronika*, 6-7: 98 (1986-87 publ. 1987)—Greece.
 muelleri (K. Schum.) L.T. Dempster in *Allertonia*, 5(3): 328 (1990); *Relbunium muelleri*.
 nepalense F. Ehrendorfer & E. Schönbeck-Temesy in *Pl. Syst. Evol.*, 155(1-4): 82 (1987)—Nepal.
 nigroramosum (Ehrend.) L.T. Dempster in *Allertonia*, 5(3): 300 (1990); *Relbunium nigro-ramosum*.
 noxium (A. St. Hil.) L.T. Dempster in *Allertonia*, 5(3): 292 (1990); *Rubia noxia*.
 subsp. *valantioides* (Cham. & Schlechtendal) L.T. Dempster in *Allertonia*, 5(3): 295 (1990); *Rubia valantioides*.
 ophiolithicum F. Krendl in *Bot. Chronika*, 6-7: 104 (1986-87 publ. 1987)—Greece.
 oreophilum F. Krendl in *Bot. Chronika*, 6-7: 94 (1986-87 publ. 1987)—Greece, Yugoslavia, Albania.
 ostenianum (Standl.) L.T. Dempster in *Allertonia*, 5(3): 330 (1990); *Relbunium ostenianum*.
 paradoxum
 subsp. *duthiei* F. Ehrendorfer & E. Schönbeck-Temesy in *Davis & Hedge Festschrift* (ed. Kit Tan): 113 (1989)—Nepal, Sikkim, India, China.
 subsp. *franchetianum* F. Ehrendorfer & E. Schönbeck-Temesy in *Davis & Hedge Festschrift* (ed. Kit Tan): 113 (1989)—Japan.
 pastorale F. Krendl in *Bot. Chronika*, 6-7: 139 (1986-87 publ. 1987)—East Aegean Is.
 pisoderium F. Krendl in *Bot. Chronika*, 6-7: 65 (1986-87 publ. 1987)—Greece.
 pseudocruciata (J. Rohlena) A.W. Hill in *Index Kewensis*, Supp. 6: 88 (1916-1920 publ. 1926); G. *vernum* var. *pseudocruciata*.
 ramboi L.T. Dempster in *Allertonia*, 5(3): 328 (1990)—Brazil.
 richardianum
 subsp. *pusillum* (Gillies ex Hook. & Arn.) L.T. Dempster in *Allertonia*, 5(3): 325 (1990), without basionym ref.: *Rubia pusilla*.
 rigidifolium F. Krendl in *Bot. Chronika*, 6-7: 124 (1986-87 publ. 1987)—Greece, Yugoslavia.
 rubidiflorum L.T. Dempster in *Allertonia*, 5(3): 302 (1990)—Brazil.
 sacrorum F. Krendl in *Bot. Chronika*, 6-7: 101 (1986-87 publ. 1987)—Greece.
 saipalense F. Ehrendorfer & E. Schönbeck-Temesy in *Pl. Syst. Evol.*, 155(1-4): 82 (1987)—Nepal.
 samium F. Krendl in *Bot. Chronika*, 6-7: 39 (1986-87 publ. 1987)—East Aegean Is.
 sellowianum
 subsp. *pufiflorum* (K. Schum.) L.T. Dempster in *Allertonia*, 5(3): 327 (1990); *Relbunium hirtum* f. *pufiflora*.
 smithreitzii L.T. Dempster in *Allertonia*, 5(3): 330 (1990)—Brazil.
 speciosum F. Krendl in *Bot. Chronika*, 6-7: 62 (1986-87 publ. 1987)—Yugoslavia, Albania, Greece.
 stewartii S. Nazimuddin in *Fl. Pakistan*, 190: 63 (1989)—Pakistan.
 subfalcatum S. Nazimuddin & F. Ehrendorfer in *Pl. Syst. Evol.*, 155(1-4): 71 (1987)—Pakistan.
 taygeteum F. Krendl in *Bot. Chronika*, 6-7: 85 (1986-87 publ. 1987)—Greece.

GALIUM :-

- tetraphyllum S. Nazimuddin & F. Ehrendorfer in *Pl. Syst. Evol.*, 155(1-4): 73 (1987)—Pakistan.
 thracicum F. Krendl in *Bot. Chronika*, 6-7: 114 (1986-87 publ. 1987)—Greece.
 tricorneratum
 subsp. *longipedunculatum* S. Nazimuddin in *Fl. Pakistan*, 190: 61 (1989)—Pakistan.
 verrucosum
 var. *halophilum* (Ponzo) A. Natali & D. Jeanmonod in *Candollea*, 43(1): 397 (1988); G. *vaillantia* var. *halophilum*.
 vile (Cham. & Schlechtendal) L.T. Dempster in *Allertonia*, 5(3): 296 (1990); *Rubia vilis*.
 violaceum F. Krendl in *Bot. Chronika*, 6-7: 82 (1986-87 publ. 1987)—Greece.
 xinjiangense W.C. Chen in *Acta Phytotax. Sin.*, 28(4): 304 (1990)—Xinjiang.
 yunnanense H. Hara & C.Y. Wu in *J. Jap. Bot.*, 61(3): 74 (1986)—China.

GALTONIA (Hyacinthac.).

- regalis O.M. Hilliard & B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 369 (1986)—South Africa (Natal).

GAMBELIA (Scrophulariac.).

- glabrata (T.S. Brandege) D.A. Sutton, *Revis. tribe Antirrhinae*: 511 (1988); *Galvezia glabrata*.
 juncea (Benth.) D.A. Sutton, *Revis. tribe Antirrhinae*: 513 (1988); *Maurandya juncea*.
 rupicola (T.S. Brandege) D.A. Sutton, *Revis. tribe Antirrhinae*: 513 (1988); *Galvezia rupicola*.

GAMBEYA (Sapotac.).

- gorungosana (Engl.) L. Liben in *Bull. Jard. Bot. Nation. Belg.*, 58(3-4): 556 (1988); *Chrysophyllum gorungosanum*.
 muerensis (Engl.) L. Liben in *Bull. Jard. Bot. Nation. Belg.*, 59(3-4): 480 (1989); *Chrysophyllum muerense*.

GAMOCHAETA (Compos.).

- ambatensis L. Ariza Espinar in *Kurtziana*, 20: 169 (1989)—Argentina.
 coarctata (Willd.) M. Kerguelen in *Lejeunia*, 120: 104 (1987); *Gnaphalium coarctatum*.
 irazuensis G.L. Nesom in *Phytologia*, 68(3): 199 (1990)—Costa Rica.
 meridensis V.M. Badillo in *Ernstia*, 57: 8 (1990)—Venezuela.
 monticola M.O. Dillon & A. Sagástegui-Alva in *Phytologia*, 59(4): 227 (1986)—Peru.
 standleyi (Steyerm.) G.L. Nesom in *Phytologia*, 68(3): 199 (1990); *Gnaphalium standleyi*.
 ustulata (Nutt.) G.L. Nesom in *Phytologia*, 68(3): 196 (1990); *Gnaphalium ustulatum*.

GAMOPLEXIS Falconer ex Lindl. in Gdner's Chron., 1847: 103 (13 Feb. 1847) et in Athenaeum, 1847(1009): 232 (27 Feb. 1847); cf. D.J. Mabberley in *Taxon*, 31(1): 70 (1982). **ORCHIDACEAE**.**GARCIBARRIGOA** J. Cuatrecasas in *Caldasia*, 15(71-75): 6 (1986). **COMPOSITAE**.
 telembina (Cuatr.) J. Cuatrecasas in *Caldasia*, 15(71-75): 7 (1986); *Senecio telembinus*.**GARCINIA** (Guttif.).

- barkeriana (Urb. & Ekm.) Alain H. Liogier in *Phytologia*, 61(6): 353 (1986); *Rheedia barkeriana*.
 barkeriana (Urb. & Ekm.) W.S. Judd in *Bull. Florida State Mus., Biol. Sci.*, 32(1): 45 (1987), isonym; see Alain H. Liogier in *Phytologia*, 61(6): 353 (1986); *Rheedia barkeriana*.
 darwiniana K.R. Keshava Murthy, S.N. Yoganarasimhan & K. Vasudevan Nair in *Current Sci.*, 56(9): 425 (1987)V—India. N1
 hessii (Britt.) Alain H. Liogier in *Phytologia*, 61(6): 353 (1986); *Rheedia hessii*.
 intermedia (Pittier) B. Hammel in *Ann. Missouri Bot. Gard.*, 76(3): 927 (1989); *Rheedia intermedia*.
 madruno (Kunth) B. Hammel in *Ann. Missouri Bot. Gard.*, 76(3): 928 (1989); *Calophyllum madruno*.
 magnifolia (Pittier) B. Hammel in *Ann. Missouri Bot. Gard.*, 76(3): 928 (1989); *Rheedia magnifolia*.

GARCINIA :-

- pedunculata W. Roxburgh ex F. Buchanan-Hamilton in *Edinburgh J. Sci.*, 7: 45, t. 1 (1827); cf. D.J. Mabberley in *Taxon*, 26(5-6): 535 (1977)—Assam.
 pictoria F. Buchanan-Hamilton in *Mem. Wern. Soc.*, 5: 346 (1826); fide D.J. Mabberley in *Taxon*, 26(5-6): 529 (1977)—India.
 portoricensis (Urb.) Alain H. Liogier in *Phytologia*, 61(6): 353 (1986); *Rheedia portoricensis*.
 verticillata (Urb.) Alain H. Liogier in *Phytologia*, 61(6): 353 (1986); *Rheedia verticillata*.

GARDENIA (Rubiace.).

- actinocarpa C.F. Puttock in *Austrobaileya*, 2(5): 435 (1988)—Australia (Queensland).
 baladica Montr. ex A. Guillaumin & G. Beauvisage in *Ann. Soc. Bot. Lyon*, 38: 95 (1913 publ. 1914); et *Sp. Montrouz.*: 21 (1914) (reprint), nom. nov.: G. *edulis* Montr. †
 imperialis
 subsp. *physophylla* (K. Schum.) L. Pauwels in *Bull. Soc. Roy. Bot. Belg.*, 118(2): 114 (1985); *Randia physophylla*.
 jasminoides
 f. *longicarpa* Z.W. Xie & M. Okada in *J. Jap. Bot.*, 65(4): 123 (1990)—China.
 psidiocarpa C.F. Puttock in *Austrobaileya*, 2(5): 440 (1988)—Australia (Queensland).
 rupicola C.F. Puttock in *Austrobaileya*, 2(5): 441 (1988)—Australia (Queensland).
 scabrella C.F. Puttock in *Austrobaileya*, 2(5): 443 (1988)—Australia (Queensland).
 tessellaris C.F. Puttock in *Austrobaileya*, 2(5): 444 (1988)—Australia (Queensland).
 vogelii
 var. *seretii* (De Wild.) L. Pauwels in *Bull. Soc. Roy. Bot. Belg.*, 118(2): 111 (1985); *Randia seretii*.

GARDNERIA (Loganiac.).

- linifolia C.Y. Wu & S.Y. Pao in *Fl. Yunnanica*, 3: 446 (1983)—China.

GASTERIA (Aloec.).

- vlokii E.J. van Jaarsveld in *Cact. Succ. J. (U.S.A.)*, 59(4): 170 (1987)—South Africa (Cape Province).

×GASTISOCALPA hort. in *Orchid Rev.*, 95(1127): centre page pull-out p. 9 (1987). **ORCHIDACEAE**. (Gastrochilus × Luisia × Pomatocalpa).**GASTONIA** (Araliac.).

- crassa (Hemsley) F. Friedmann in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 8(3): 246 (1986); *Indokingia crassa*.
 lionnetii F. Friedmann in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 8(3): 253 (1986)—Seychelles Is.
 sechellarum
 var. *contracta* F. Friedmann in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 8(3): 251 (1986)—Seychelles Is.
 var. *curiosae* F. Friedmann in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 8(3): 251 (1986)—Seychelles Is.

GASTRIDIDIUM (Gramin.).

- ventricosum
 subsp. *laxum* (Boiss. & Reut.) J. Holub in *Folia Geobot. Phytotax.*, 23(4): 413 (1988); G. *laxum*.

GASTROCHILUS (Orchidac.).

- acinacifolius Z.H. Tsi in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 25 (1989)—Hainan.
 corymbosus A.P. Das & S. Chanda in *J. Econ. Taxon. Bot.*, 12(2): 401 (1988 publ. 1989)—India, Sikkim.
 flavus T.P. Lin, *Native Orchids Taiwan*, 3: 95 (1987)—Taiwan.
 hainanensis Z.H. Tsi in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 21 (1989)—Hainan.
 hoi T.P. Lin, *Native Orchids Taiwan*, 3: 103 (1987)—Taiwan.
 minor G. Seidenfaden in *Op. Bot.*, 95: 296 (1988)—Thailand.
 nanus Z.H. Tsi in *J. Arnold Arbor.*, 71(1): 121 (1990)—China.
 rantabunensis Chow ex T.P. Lin, *Native Orchids Taiwan*, 3: 109 (1987)—Taiwan.

GASTROCHILUS :-

- rutilans *G. Seidenfaden in Op. Bot.*, 95: 293 (1988)—Thailand.
 sinensis *Z.H. Tsi in Bull. Bot. Res. North-East. Forest Inst.*, 9(2): 23 (1989)—China.
 suavis *G. Seidenfaden in Op. Bot.*, 95: 298 (1988)—Thailand.

GASTROCOTYLE A. Bunge in *Ann. Sci. Nat. Bot.*, Sér. 3, 12: 363 (1849). **BORAGINACEAE**. †
 hispida (*Forsk.*) A. Bunge in *Ann. Sci. Nat. Bot.*, Sér. 3, 12: 363 (1849): *Anchusa hispida*. †

GASTRODIA (Orchidac.).

- autumnalis *T.P. Lin, Native Orchids Taiwan*, 3: 122 (1987)—Taiwan.
 fontinalis *T.P. Lin, Native Orchids Taiwan*, 3: 129 (1987)—Taiwan.
 hiemalis *T.P. Lin, Native Orchids Taiwan*, 3: 131 (1987)—Taiwan.
 peichatieniana *S.S. Ying, Coloured Illustr. Fl. Taiwan*, 2: 690 (1987)—Taiwan.

GASTROLOBIUM (Legumin.).

- graniticum (*S. Moore*) *M.D. Crisp in C.H. Stirton (ed.), Advances in Legume System.*, 3: 130 (1987): *Oxylobium graniticum*.
 heterophyllum (*Turcz.*) *M.D. Crisp in C.H. Stirton (ed.), Advances in Legume System.*, 3: 130 (1987): *Chorizema heterophyllum*.
 parviflorum (*Benth.*) *M.D. Crisp in C.H. Stirton (ed.), Advances in Legume System.*, 3: 130 (1987): *Oxylobium parviflorum*.
 racemosum (*Turcz.*) *M.D. Crisp in C.H. Stirton (ed.), Advances in Legume System.*, 3: 130 (1987): *Mirbelia racemosa*.
 rigidum (*C. Gardner*) *M.D. Crisp in C.H. Stirton (ed.), Advances in Legume System.*, 3: 130 (1987): *Oxylobium rigidum*.
 spectabile (*Endl.*) *M.D. Crisp in C.H. Stirton (ed.), Advances in Legume System.*, 3: 130 (1987): *Oxylobium spectabile*.
 tetragonophyllum (*E. Pritzl*) *M.D. Crisp in C.H. Stirton (ed.), Advances in Legume System.*, 3: 130 (1987): *Oxylobium tetragonophyllum*.

GASTROLYCHNIS (Caryophyllac.).

- tenella (*Tolm.*) *V.V. Petrovskii in Bot. Zhurn.*, 72(12): 1618 (1987), isonym; see *V.B. Kuvaev in Bot. Zhurn.*, 66(7): 949 (1981): *Melandrium affine* subsp. *tenellum*.

GASTRORCHIS (Orchidac.).

- gracilis (*Lindl.*) *L.V. Aver'yanov, Prelim. list Vietnam. Orchids*: 203 (1988): *Calanthe gracilis*.
 lateriscapa (*Gaill.*) *L.V. Aver'yanov, Prelim. list Vietnam. Orchids*: 204 (1988): *Cephalantheropsis lateriscapa*.

GAUDICHAUDIA (Malpighiac.).

- chasei *W.R. Anderson in Contrib. Univ. Mich. Herb.*, 16: 68 (1987)—Mexico.
 cycloptera (*DC.*) *W.R. Anderson in Contrib. Univ. Mich. Herb.*, 16: 69 (1987): *Hiraea* ? cycloptera.
 krusei *W.R. Anderson in Contrib. Univ. Mich. Herb.*, 16: 69 (1987)—Mexico.
 macvaughii *W.R. Anderson in Contrib. Univ. Mich. Herb.*, 16: 72 (1987), as 'macvaughii'—Mexico.

GAULTHERIA (Ericac.).

- alnifolia
 var. *grata* (*A.C. Smith*) *J.L. Luteyn in Brittonia*, 41(1): 15 (1989): *G. grata*.
 buxifolia
 var. *elassantha* (*A.C. Smith*) *J.L. Luteyn in Brittonia*, 41(1): 13 (1989): *G. elassantha*.
 var. *secunda* (*E.J. Remy*) *J.L. Luteyn in Brittonia*, 41(1): 13 (1989): *G. secunda*.
 eriophylla
 var. *mucronata* (*E.J. Remy*) *J.L. Luteyn in Brittonia*, 41(1): 15 (1989): *G. mucronata*.
 lanigera
 var. *rufolanata* (*Sleumer*) *J.L. Luteyn in Brittonia*, 41(1): 14 (1989): *G. rufolanata*.
 sclerophylla
 var. *hirsuta* *J.L. Luteyn in Brittonia*, 41(1): 11 (1989)—Ecuador, Colombia.

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 sinensis
 var. *layaensis* *S.J. Rae & D.G. Long in Notes Roy. Bot. Gard. Edinburgh*, 45(2): 334 (1988 publ. 1989)—Bhutan.
 sleumeri *T. Smitinand & Pham-hoang Ho in Bull. Mus. Nation. Hist. Nat., B, Adansonie*, Ser. 4, 9(4): 352 (1987 publ. 1988)—Vietnam.
 strigosa
 var. *revoluta* (*A.C. Smith*) *J.L. Luteyn in Brittonia*, 41(1): 14 (1989): *G. revoluta*.
 trichophylla
 var. *eciliata* *S.J. Rae & D.G. Long in Notes Roy. Bot. Gard. Edinburgh*, 45(2): 334 (1988 publ. 1989)—Bhutan, China.
 wardii
 var. *serrulata* *C.Y. Wu & T.Z. Hsu in Fl. Xizangica*, 3: 699 (1986)—Xizang.

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- gomez-pompae (*Quero*) *H.J. Quero in Syst. Bot.*, 11(1): 153 (1986): *Opsiandra gomez-pompae*.
 maya (*Cook*) *H.J. Quero & R.W. Read in Syst. Bot.*, 11(1): 152 (1986): *Opsiandra maya*.

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- monosperma (*K. Schum.*) *A. Krapovickas in Bol. Soc. Argent. Bot.*, 24(1-2): 205 (1985): *Abutilon monospermum*.

GAZANIA (Compos.).

- pectinata (*Thunb.*) *Hartweg, Hort. Carlsruh.*: 126 (1825); cf. *D.J. Mabberley in Taxon*, 33(3): 442 (1984): Basionym not stated.

GAZANIOPSIS C. Huber, Trade Cat.: 4 (Oct. 1880).

- COMPOSITAE**.
 stenophylla *C. Huber, Trade Cat.*: 4 (Oct. 1880)—Mexico, U.S.A. (California).

GEISSORHIZA (Iridac.).

- callista *P. Goldblatt in Flow. Pl. Afr.*, 50(2): t. 1996 (1989)—South Africa (Cape Province).

GELASINE (Iridac.).

- elongata (*R. Grah.*) *P. Ravenna in Phytologia*, 65(2): 154 (1988): *Ferraria elongata*.

GELIDOCALAMUS (Gramin.).

- annulatus *T.H. Wen in J. Bamboo Res.*, 7(1): 27 (1988)—China.
 latifolius *Q.H. Dai & T. Chen in J. Bamboo Res.*, 4(1): 53 (1985)—China.
 longiinternodus *T.H. Wen & S.C. Chen in J. Bamboo Res.*, 5(2): 24 (1986)—China.
 subsolidus *W.T. Lin & Z.J. Feng in Guihaia*, 10(1): 18 (1990)—China.
 velutinus *W.T. Lin in Acta Phytotax. Sin.*, 26(3): 233 (1988)—China.

GENIANTHUS (Asclepiadac.).

- horei *M.K. Vasudeva Rao in J. Econ. Taxon. Bot.*, 6(3): 732 (1985)—Nicobar Is.

GENIOSPORUM (Labiata.).

- menthoides
 var. *prostratum* (*L.*) *J.R. Press & V.V. Sivarajan in Bull. Brit. Mus. (Nat. Hist.) Bot.*, 19: 116 (1989): *Ocimum prostratum*.
 tenuiflorum
 var. *gracile* (*Benth.*) *S.R. Srinivasan in A.N. Henry, G.R. Kumari & V. Chithra, Fl. Tamil Nadu, India, Ser. 1, 2: 174 (1987): G. gracile*.

GENIOSTOMA (Loganiac.).

- rupestre
 var. *ligustrifolium* (*Cunn.*) *B.J. Conn in New Zealand J. Bot.*, 25(1): 140 (1987): *G. ligustrifolium*.

GENISTA (Legumin.).

- nothosect. *Spades F. Llamas in Stud. Bot. (Salamanca)*, 5: 209 (1986). (*G. sect. Erinacoides* × *sect. Spartioides*).

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- baetica
 subsp. *pumila* (*Debeaux & Reverchon ex Hervier*) *J. Fernández Casas in Fontqueria*, 7: 17 (1985): *G. baetica* var. *pumila*.
 balansae
 subsp. *europaea* (*G. López & C.E. Jarvis*) *O. de Bolós & J. Vigo, Fl. Paisos Catalans*, 2: 823 (1990), without basionym ref.: *Cytisus balansae* var. *europaeus*.
 cinerea
 subsp. *leptoclada* (*Willk.*) *O. de Bolós & J. Vigo, Fl. Paisos Catalans*, 2: 823 (1990): *G. cinerea* var. *leptoclada*.
 subsp. *murcica* (*Cosson*) *P. Cantó & M.J. Sánchez in Candollea*, 43(1): 90 (1988): *G. murcica*.
 hassertiana
 subsp. *glabrata* (*Markgraf*) *W. Greuter in Willdenowia*, 15(2): 428 (1986): *G. hassertiana* var. *glabrata*.
 linifolia
 subsp. *pallida* (*Poir.*) *P. Hanelt in R. Mansfeld, Verz. Landwirtschaftl. u. Gartn. Kulturpfl., Auf. 2, ed. J. Schultze-Motel*, 2: 699 (1986): *Cytisus pallidus*.
 majorica *P. Cantó & M.J. Sánchez in Candollea*, 43(1): 78 (1988)—Balearic Is.
 mugronensis
 subsp. *rigidissima* (*Vierh.*) *J. Fernández Casas in Fontqueria*, 7: 18 (1985): *G. rigidissima*.
 pollinii *Spreng. ex Poll., Cat. Pl. Hort. Bot. Veron.*, 1814: 18 (1814); cf. *D.J. Mabberley in Taxon*, 33(3): 442 (1984)—Locality not stated.
 polyanthos
 subsp. *legionensis* (*Pau*) *M. Lainz, Mis contrib. conocim. fl. Asturias*: 44 (1982): *G. aspalathoides* var. *legionensis*.
 sagittalis
 subsp. *delphinensis* (*Verlot*) *W. Greuter in Willdenowia*, 15(2): 428 (1986): *G. delphinensis*.
 subsp. *undulata* (*Ern*) *W. Greuter in Willdenowia*, 15(2): 428 (1986): *Genistella sagittalis* subsp. *undulata*.
 sandrasica *P. Hartvig & A. Strid in Bot. Jahrb.*, 108(2-3): 328 (1987)—Turkey.
 tinctoria
 subsp. *prostrata* *R. Corillon, C. Figureau & M. Godeau in Bull. Soc. Sci. Nat. Ouest France, n.s.*, 9(4): 155 (1987), without type—France.
 tridentata
 subsp. *cantabrica* (*Spach*) *W. Greuter in Willdenowia*, 15(2): 428 (1986): *G. cantabrica*.
 subsp. *lasiantha* (*Spach*) *W. Greuter in Willdenowia*, 15(2): 428 (1986): *G. lasiantha*.
 subsp. *riphaea* (*Pau & Font Quer*) *W. Greuter in Willdenowia*, 15(2): 429 (1986): *Genistella rhiphaea*.
 subsp. *stenoptera* (*Spach*) *W. Greuter in Willdenowia*, 15(2): 429 (1986): *G. stenoptera*.
 versicolor
 subsp. *pumila* (*Debeaux & Reverchon ex Hervier*) *J. Fernández Casas in Fontqueria*, 8: 31 (1985): *G. baetica* var. *pumila*.
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 lobata *E. Fromm-Trinta in Bradea*, 5(14): 152 (1989)—Brazil.
 pallida *E. Fromm-Trinta & P. Taylor in Bradea*, 4(27): 177 (1985)—Zambia, Angola.
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 acuminatum (*R. Rogers*) *D.L. Jones & M.A. Clements in Lindleyana*, 4(3): 142 (1989): *Prasophyllum acuminatum*.
 apostasioides (*Fitzg.*) *D.L. Jones & M.A. Clements in Lindleyana*, 4(3): 142 (1989): *Corunastylis apostasioides*.
 archeri (*J.D. Hook.*) *D.L. Jones & M.A. Clements in Lindleyana*, 4(3): 142 (1989): *Prasophyllum archeri*.
 brachystachyum (*Lindley*) *D.L. Jones & M.A. Clements in Lindleyana*, 4(3): 142 (1989): *Prasophyllum brachystachyum*.
 caloptermum (*H.G. Reichb.*) *D.L. Jones & M.A. Clements in Lindleyana*, 4(3): 142 (1989): *Prasophyllum caloptermum*.

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- ciliatum (Ewart & B. Rees) D.L. Jones & M.A. Clements in *Lindleyana*, 4(3): 142 (1989): Prasophyllum ciliatum.
- despectans (J.D. Hook.) D.L. Jones & M.A. Clements in *Lindleyana*, 4(3): 142 (1989): Prasophyllum despectans.
- erichilium (Fitzg.) D.L. Jones & M.A. Clements in *Lindleyana*, 4(3): 143 (1989): Prasophyllum erichilium.
- filiforme (Fitzg.) D.L. Jones & M.A. Clements in *Lindleyana*, 4(3): 143 (1989): Prasophyllum filiforme.
- fimbriatum (R. Br.) D.L. Jones & M.A. Clements in *Lindleyana*, 4(3): 143 (1989): Prasophyllum fimbriatum.
- morrissii (Nicholls) D.L. Jones & M.A. Clements in *Lindleyana*, 4(3): 143 (1989): Prasophyllum morrissii.
- nigricans (R. Br.) D.L. Jones & M.A. Clements in *Lindleyana*, 4(3): 143 (1989): Prasophyllum nigricans.
- nudiscapum (J.D. Hook.) D.L. Jones & M.A. Clements in *Lindleyana*, 4(3): 143 (1989): Prasophyllum nudiscapum.
- nudum (J.D. Hook.) D.L. Jones & M.A. Clements in *Lindleyana*, 4(3): 144 (1989): Prasophyllum nudum.
- parvicallum (Rupp) D.L. Jones & M.A. Clements in *Lindleyana*, 4(3): 144 (1989): Prasophyllum parvicallum.
- plumosum (Rupp) D.L. Jones & M.A. Clements in *Lindleyana*, 4(3): 144 (1989): Prasophyllum plumosum.
- pumilum (J.D. Hook.) D.L. Jones & M.A. Clements in *Lindleyana*, 4(3): 144 (1989): Prasophyllum pumilum.
- rufum (R. Br.) D.L. Jones & M.A. Clements in *Lindleyana*, 4(3): 144 (1989): Prasophyllum rufum.
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- acaulis
- f. alba S. Redžić in *Glasn. Zem. Muz. Bosne Herceg. Prir. Nauke*, 27: 87 (1988)—Yugoslavia.
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- angulosa
- var. pontica (Soltok.) R.I. Gagnidze in *Zam. Sist. Geogr. Rast.*, 41: 52 (1986): G. pontica.
- asclepiadea
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- gannanensis Y. Wang & Z.C. Lou in *Acta Phytotax. Sin.*, 26(6): 461 (1988)—China.
- harwanensis G. Singh in G. Singh & P. Kachroo, *Forest Fl. Srinagar*: 126 (1987)—India.

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- junussovii M.G. Pakhomova & Tajdshan. in *Opred. Rast. Sred. Azii*, 8: 169 (1986)—U.S.S.R. (Middle Asia).
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- longicollis G.L. Nesom in *Phytologia*, 69(2): 115 (1990)—Mexico.
- lutea
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- saposhnikovii M.G. Pakhomova in *Opred. Rast. Sred. Azii*, 8: 170 (1986)—U.S.S.R. (Middle Asia).
- scabra
- f. alborosea N. Yonezawa in *J. Phytogeogr. Taxon.*, 33(2): 81 (1985)—Japan.
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- var. punctulata S.S. Ying, *Alp. Pl. Taiwan in Color*, 2: 215 (1978)—Taiwan.
- somdavi H.B. Naithani, *Flow. Pl. India, Nepal & Bhutan*: 294 (1990), nom. nov.: G. andersonii Biswas.
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- transalaica M.G. Pakhomova & Tajdshan. in *Opred. Rast. Sred. Azii*, 8: 171 (1986)—U.S.S.R. (Middle Asia).
- verna
- subsp. arctica (Grossh.) V.G. Sergienko, *Fl. poluostrova Kanin*: 85 (1986): G. arctica.
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- var. lhasaensis (Hsiao & K.C. Hsiao) T.N. He in *Fl. Xizangica*, 3: 917 (1986): G. lhasaensis.
- wingecarribiensis L.G. Adams in *Telopea*, 3(2): 172 (1988)—Australia (New South Wales).
- wissmannii J.B. Williams in *Telopea*, 3(2): 175 (1988)—Australia (New South Wales).
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- chlorantha J.S. Pringle in *Sida*, 11(4): 357 (1986)—Peru.
- cuspidata (Griseb.) J.S. Pringle in *Sida*, 11(4): 368 (1986): *Gentiana cuspidata*.
- dianthoides (H.B.K.) Fabris ex J.S. Pringle in *Sida*, 11(4): 368 (1986): *Gentiana dianthoides*.
- dielsiana (Gilg) J.S. Pringle in *Sida*, 11(4): 368 (1986): *Gentiana dielsiana*.
- dolichopoda (Gilg) J.S. Pringle in *Sida*, 11(4): 368 (1986): *Gentiana dolichopoda*.
- helianthemoides (Gilg) J.S. Pringle in *Sida*, 11(4): 368 (1986): *Gentiana helianthemoides*.
- gilgiana (Reimers) Fabris ex J.S. Pringle in *Sida*, 11(4): 368 (1986): *Gentiana gilgiana*.
- mendocina (Gilg) J.S. Pringle in *Sida*, 11(4): 368 (1986): *Gentiana mendocina*.
- persquarrosa (Reimers) J.S. Pringle in *Sida*, 11(4): 368 (1986): *Gentiana persquarrosa*.
- radicata (Griseb.) J.S. Pringle in *Sida*, 11(4): 368 (1986): *Gentiana radicata*.
- riojae (Gilg) Fabris ex J.S. Pringle in *Sida*, 11(4): 368 (1986): *Gentiana riojae*.
- vaginalis (Griseb.) J.S. Pringle in *Sida*, 11(4): 368 (1986): *Gentiana vaginalis*.
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- algida
- var. nubigena (Edgew.) S. Omer, S.I. Ali & M. Qaiser in *Pakistan J. Bot.*, 20(1): 16 (1988): *Gentiana nubigena*.
- alii S. Omer & M. Qaiser in *Pakistan J. Bot.*, 20(1): 6 (1988)—Pakistan.

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- aprica (Decne.) S. Omer, S.I. Ali & M. Qaiser in *Pakistan J. Bot.*, 20(1): 15 (1988): *Gentiana aprica*.
- argentea (Royle ex D. Don) S. Omer, S.I. Ali & M. Qaiser in *Pakistan J. Bot.*, 20(1): 6 (1988): *Ericala argentea*.
- burkillii (H. Smith) S. Omer, S.I. Ali & M. Qaiser in *Pakistan J. Bot.*, 20(1): 9 (1988): *Gentiana burkillii*.
- cachemirica (Decne.) S. Omer, S.I. Ali & M. Qaiser in *Pakistan J. Bot.*, 20(1): 16 (1988): *Gentiana cachemirica*.
- decemfida (Buch.-Ham. ex D. Don) S. Omer, S.I. Ali & M. Qaiser in *Pakistan J. Bot.*, 20(1): 14 (1988): *Gentiana decemfida*.
- huxleyi (Kusn.) S. Omer, S.I. Ali & M. Qaiser in *Pakistan J. Bot.*, 20(1): 5 (1988): *Gentiana huxleyi*.
- intermedia (Clarke) S. Omer, S.I. Ali & M. Qaiser in *Pakistan J. Bot.*, 20(1): 14 (1988): *Gentiana carinata* var. *intermedia*.
- kaufmaniana (Reg. & Schmalh.) S. Omer, S.I. Ali & M. Qaiser in *Pakistan J. Bot.*, 20(1): 17 (1988): *Gentiana kaufmaniana*.
- subsp. afghanica (Kusn.) S. Omer, S.I. Ali & M. Qaiser in *Pakistan J. Bot.*, 20(1): 17 (1988): *Gentiana kaufmaniana* var. *afghanica*.
- kurroo (Royle) S. Omer, S.I. Ali & M. Qaiser in *Pakistan J. Bot.*, 20(1): 16 (1988): *Gentiana kurroo*.
- lowndesii (Blatter) S. Omer, S.I. Ali & M. Qaiser in *Pakistan J. Bot.*, 20(1): 17 (1988): *Gentiana lowndesii*.
- marginata (G. Don) S. Omer, S.I. Ali & M. Qaiser in *Pakistan J. Bot.*, 20(1): 9 (1988): *Ericala marginata*.
- var. harrissii S. Omer, S.I. Ali & M. Qaiser in *Pakistan J. Bot.*, 20(1): 10 (1988)—Pakistan, India.
- nasirii S. Omer, S.I. Ali & M. Qaiser in *Pakistan J. Bot.*, 20(1): 10 (1988)—Pakistan.
- olivieri (Griseb.) S. Omer, S.I. Ali & M. Qaiser in *Pakistan J. Bot.*, 20(1): 18 (1988): *Gentiana olivieri*.
- pedicellata (D. Don) S. Omer, S.I. Ali & M. Qaiser in *Pakistan J. Bot.*, 20(1): 14 (1988): *Ericala pedicellata*.
- tianschanica (Rupr. ex Kusn.) S. Omer, S.I. Ali & M. Qaiser in *Pakistan J. Bot.*, 20(1): 18 (1988): *Gentiana tianschanica*.
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- GENTIANEA** J.T. Johansson & K.M. Wong in *Blumea*, 33(2): 351 (1988). **RUBIACEAE**.
- subsessilis (King & Gamble) J.T. Johansson & K.M. Wong in *Blumea*, 33(2): 352 (1988): *Prismatomeris subsessilis*.
- GENYORCHIS** (Orchidac.).
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- GEOCHARIS** (Zingiberac.).
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- var. borneensis R.M. Smith in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 458 (1986)—Borneo (Sabah).
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 macleodii (Hook. f. & Thoms.) A. Borhidi in Acta Bot. Hung., 34(3-4): 405 (1988); Cordia macleodii.
 macrophylla (L.) A. Borhidi in Acta Bot. Hung., 34(3-4): 400 (1988); Cordia macrophylla.
 magnoliifolia (Cham.) A. Borhidi in Acta Bot. Hung., 34(3-4): 400 (1988); Cordia magnoliifolia.
 mairei (Humbert) A. Borhidi in Acta Bot. Hung., 34(3-4): 405 (1988); Cordia mairei.
 megalanthus (Blake) A. Borhidi in Acta Bot. Hung., 34(3-4): 398 (1988); Cordia megalantha.
 membranaceus (A.D.C.) A. Borhidi in Acta Bot. Hung., 34(3-4): 400 (1988); Cordia membranacea.
 mexianus (I.M. Johnston) A. Borhidi in Acta Bot. Hung., 34(3-4): 400 (1988); Cordia mexicana.
 mhaya (Kerr) A. Borhidi in Acta Bot. Hung., 34(3-4): 405 (1988); Cordia mhaya.
 micronesicus (Kanehira & Hatusima) A. Borhidi in Acta Bot. Hung., 34(3-4): 405 (1988); Cordia micronesica.
 millenii (Baker) A. Borhidi in Acta Bot. Hung., 34(3-4): 405 (1988); Cordia millenii.
 moluccanus (Roxb.) A. Borhidi in Acta Bot. Hung., 34(3-4): 406 (1988), without basionym date: Cordia moluccana.
 molundensis (Mildbr.) A. Borhidi in Acta Bot. Hung., 34(3-4): 406 (1988); Cordia molundensis.
 monoicus (Roxb.) A. Borhidi in Acta Bot. Hung., 34(3-4): 406 (1988), without basionym date: Cordia monoica.
 morelosanus (Standl.) A. Borhidi in Acta Bot. Hung., 34(3-4): 398 (1988); Cordia morelosana.
 mukuensis (Taton) A. Borhidi in Acta Bot. Hung., 34(3-4): 406 (1988); Cordia mukuensis.
 muneco (HBK.) A. Borhidi in Acta Bot. Hung., 34(3-4): 401 (1988); Cordia muneco.
 myxus (L.) A. Borhidi in Acta Bot. Hung., 34(3-4): 406 (1988); Cordia myxa.
 naidophilus (I.M. Johnston) A. Borhidi in Acta Bot. Hung., 34(3-4): 401 (1988); Cordia naidophila.
 nelsonii (I.M. Johnston) A. Borhidi in Acta Bot. Hung., 34(3-4): 398 (1988); Cordia nelsonii.
 nettoanus (Taub.) A. Borhidi in Acta Bot. Hung., 34(3-4): 398 (1988); Cordia nettoana.
 nevillei (Alston) A. Borhidi in Acta Bot. Hung., 34(3-4): 406 (1988); Cordia nevillei.
 oblongifolius (Thwait) A. Borhidi in Acta Bot. Hung., 34(3-4): 406 (1988), without basionym date: Cordia oblongifolia.
 obovatus (Balf. f.) A. Borhidi in Acta Bot. Hung., 34(3-4): 406 (1988); Cordia obovata.
 obscurus (Cham.) A. Borhidi in Acta Bot. Hung., 34(3-4): 401 (1988); Cordia obscura.
 obtusus (Balf. f.) A. Borhidi in Acta Bot. Hung., 34(3-4): 406 (1988); Cordia obtusa.
 ochraceus (DC.) A. Borhidi in Acta Bot. Hung., 34(3-4): 401 (1988); Cordia ochracea.
 opacus (Rusby) A. Borhidi in Acta Bot. Hung., 34(3-4): 401 (1988); Cordia opaca.
 panamensis (Riley) A. Borhidi in Acta Bot. Hung., 34(3-4): 401 (1988); Cordia panamensis.
 panicularis (Rudge) A. Borhidi in Acta Bot. Hung., 34(3-4): 401 (1988), without basionym date: Cordia panicularis.
 parvifolius (A.D.C.) A. Borhidi in Acta Bot. Hung., 34(3-4): 401 (1988); Cordia parvifolia.
 perbellus (Mildbr.) A. Borhidi in Acta Bot. Hung., 34(3-4): 406 (1988); Cordia perbella.
 petenensis (Lundell) A. Borhidi in Acta Bot. Hung., 34(3-4): 398 (1988); Cordia petenensis.
 pilosissimus (Baker) A. Borhidi in Acta Bot. Hung., 34(3-4): 406 (1988); Cordia pilosissima.
 populifolius (Baker) A. Borhidi in Acta Bot. Hung., 34(3-4): 406 (1988); Cordia populifolia.
 protractus (I.M. Johnston) A. Borhidi in Acta Bot. Hung., 34(3-4): 401 (1988); Cordia protracta.
 prunifolius (I.M. Johnston) A. Borhidi in Acta Bot. Hung., 34(3-4): 401 (1988); Cordia prunifolia.
 pubescens (Willd. ex Roem. & Schult.) A. Borhidi in Acta Bot. Hung., 34(3-4): 401 (1988); Cordia pubescens.
 reticulatus (Vahl) A. Borhidi in Acta Bot. Hung., 34(3-4): 401 (1988); Cordia reticulata.
 ripicola (I.M. Johnston) A. Borhidi in Acta Bot. Hung., 34(3-4): 401 (1988); Cordia ripicola.

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- rotatus (Moc. ex DC.) A. Borhidi in Acta Bot. Hung., 34(3-4): 401 (1988); Cordia rotata.
 roxburghii (C.B. Clarke) A. Borhidi in Acta Bot. Hung., 34(3-4): 406 (1988), without basionym date: Cordia roxburghii.
 rufescens (A.D.C.) A. Borhidi in Acta Bot. Hung., 34(3-4): 398 (1988); Cordia rufescens.
 sagotii (I.M. Johnston) A. Borhidi in Acta Bot. Hung., 34(3-4): 401 (1988); Cordia sagotii.
 salicifolius (Cham.) A. Borhidi in Acta Bot. Hung., 34(3-4): 401 (1988); Cordia salicifolia.
 salvadorensis (Standl.) A. Borhidi in Acta Bot. Hung., 34(3-4): 401 (1988); Cordia salvadorensis.
 scaberrimus (HBK.) A. Borhidi in Acta Bot. Hung., 34(3-4): 402 (1988); Cordia scaberrima.
 scabridus (Mart. ex Fres.) A. Borhidi in Acta Bot. Hung., 34(3-4): 402 (1988); Cordia scabrida.
 scabrifolius (A.D.C.) A. Borhidi in Acta Bot. Hung., 34(3-4): 402 (1988); Cordia scabrifolia.
 sellowianus (Cham.) A. Borhidi in Acta Bot. Hung., 34(3-4): 402 (1988); Cordia sellowiana.
 sericalyx (A.D.C.) A. Borhidi in Acta Bot. Hung., 34(3-4): 402 (1988); Cordia sericalyx.
 sinensis (Lam.) A. Borhidi in Acta Bot. Hung., 34(3-4): 406 (1988); Cordia sinensis.
 skutchii (I.M. Johnston) A. Borhidi in Acta Bot. Hung., 34(3-4): 402 (1988); Cordia skutchii.
 somaliensis (Baker) A. Borhidi in Acta Bot. Hung., 34(3-4): 407 (1988); Cordia somaliensis.
 sonorae (Rose) A. Borhidi in Acta Bot. Hung., 34(3-4): 398 (1988); Cordia sonorae.
 sprucei (Mez) A. Borhidi in Acta Bot. Hung., 34(3-4): 402 (1988); Cordia sprucei.
 stelliferus (I.M. Johnston) A. Borhidi in Acta Bot. Hung., 34(3-4): 402 (1988); Cordia stellifera.
 stenocladius (I.M. Johnston) A. Borhidi in Acta Bot. Hung., 34(3-4): 402 (1988); Cordia stenoclada.
 suaveolens (Blume) A. Borhidi in Acta Bot. Hung., 34(3-4): 407 (1988), without basionym date: Cordia suaveolens.
 subpubescens (Decne) A. Borhidi in Acta Bot. Hung., 34(3-4): 407 (1988), without basionym date: Cordia subpubescens.
 subvelutinus (I.M. Johnston) A. Borhidi in Acta Bot. Hung., 34(3-4): 402 (1988); Cordia subvelutina.
 sulcatus (DC.) A. Borhidi in Acta Bot. Hung., 34(3-4): 402 (1988); Cordia sulcata.
 superbus (Cham.) A. Borhidi in Acta Bot. Hung., 34(3-4): 402 (1988); Cordia superba.
 taguahuyensis (Vell.) A. Borhidi in Acta Bot. Hung., 34(3-4): 402 (1988), without basionym date: Cordia taguahuyensis.
 tetrandrus (Aubl.) A. Borhidi in Acta Bot. Hung., 34(3-4): 402 (1988); Cordia tetrandra.
 tetraphyllum (Aubl.) A. Borhidi in Acta Bot. Hung., 34(3-4): 402 (1988); Cordia tetraphylla.
 tinifolius (Willd. ex Roem. & Schult.) A. Borhidi in Acta Bot. Hung., 34(3-4): 398 (1988); Cordia tinifolia.
 toqueve (Aubl.) A. Borhidi in Acta Bot. Hung., 34(3-4): 402 (1988); Cordia toqueve.
 trachyphyllum (Mart.) A. Borhidi in Acta Bot. Hung., 34(3-4): 402 (1988); Cordia trachyphylla.
 trichocladus (A.D.C.) A. Borhidi in Acta Bot. Hung., 34(3-4): 403 (1988); Cordia trichoclada.
 trichostemon (DC.) A. Borhidi in Acta Bot. Hung., 34(3-4): 407 (1988); Cordia trichostemon.
 trichotomus (Vell. ex Steud.) A. Borhidi in Acta Bot. Hung., 34(3-4): 398 (1988), without basionym date: Cordia trichotoma.
 troyanus (Urb.) A. Borhidi in Acta Bot. Hung., 34(3-4): 398 (1988); Cordia troyana.
 ucayalienis (I.M. Johnston) A. Borhidi in Acta Bot. Hung., 34(3-4): 403 (1988); Cordia ucayalienis.
 ulei (I.M. Johnston) A. Borhidi in Acta Bot. Hung., 34(3-4): 403 (1988); Cordia ulei.
 uncinulatus (De Wild.) A. Borhidi in Acta Bot. Hung., 34(3-4): 407 (1988); Cordia uncinulata.
 valenzuelanus (A. Rich.) A. Borhidi in Acta Bot. Hung., 34(3-4): 403 (1988); Cordia valenzuelana.
 varroniifolius (I.M. Johnston) A. Borhidi in Acta Bot. Hung., 34(3-4): 398 (1988); Cordia varroniifolia.
 venosus (Hemsl.) A. Borhidi in Acta Bot. Hung., 34(3-4): 407 (1988); Cordia venosa.
 vestitus (Hook. f. & Thoms.) A. Borhidi in Acta Bot. Hung., 34(3-4): 407 (1988); Cordia vestita.

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- viridis (Rusby) A. Borhidi in Acta Bot. Hung., 34(3-4): 403 (1988); Bourreria viridis.

GERBERA (Compos.).

- connata Y.C. Tseng in Acta Bot. Austro Sinica, 3: 7 (1986)—Xizang.
 laticulata Y.C. Tseng in Acta Bot. Austro Sinica, 3: 11 (1986)—China.
 lijiangensis Y.C. Tseng in Acta Bot. Austro Sinica, 3: 6 (1986)—China, Xizang.
 macrocephala Y.C. Tseng in Acta Bot. Austro Sinica, 3: 12 (1986)—China.
 pterodonta Y.C. Tseng in Acta Bot. Austro Sinica, 3: 9 (1986)—China.
 saxatilis Chang ex Y.C. Tseng in Acta Bot. Austro Sinica, 3: 10 (1986)—China.

GETHYLLIS (Amaryllidac.).

- barkeriae D. Müller-Doblies in Willdenowia, 15(2): 466 (1986)—South Africa (Cape Province).
 subsp. paucifolia D. Müller-Doblies in Willdenowia, 15(2): 467 (1986)—South Africa (Cape Province).
 britteniana
 subsp. brunsii D. Müller-Doblies in Willdenowia, 15(2): 467 (1986)—South Africa (Cape Province).
 subsp. herrei (L. Bolus) D. Müller-Doblies in Willdenowia, 15(2): 467 (1986); G. herrei.
 cavidensis D. Müller-Doblies in Willdenowia, 15(2): 467 (1986)—South Africa (Cape Province).
 ciliaris
 subsp. longituba (L. Bolus) D. Müller-Doblies in Willdenowia, 15(2): 467 (1986); G. longituba.
 fimbriatula D. Müller-Doblies in Willdenowia, 15(2): 467 (1986)—South Africa (Cape Province).
 gregoriana D. Müller-Doblies in Willdenowia, 15(2): 468 (1986)—South Africa (Cape Province).
 hallii D. Müller-Doblies in Willdenowia, 15(2): 468 (1986)—South Africa (Cape Province).
 heinzeana D. Müller-Doblies in Willdenowia, 15(2): 468 (1986)—South Africa (Cape Province).
 kaapensis D. Müller-Doblies in Willdenowia, 15(2): 468 (1986)—South Africa (Cape Province).
 lata
 subsp. orbicularis D. Müller-Doblies in Willdenowia, 15(2): 468 (1986)—South Africa (Cape Province).
 marginata D. Müller-Doblies in Willdenowia, 15(2): 469 (1986)—South Africa (Cape Province).
 oligophylla D. Müller-Doblies in Willdenowia, 15(2): 469 (1986)—South Africa (Cape Province).
 oliverorum D. Müller-Doblies in Willdenowia, 15(2): 469 (1986)—South Africa (Cape Province).
 pectinata D. Müller-Doblies in Willdenowia, 15(2): 469 (1986)—South Africa (Cape Province).
 rogeveldensis D. Müller-Doblies in Willdenowia, 15(2): 470 (1986)—South Africa (Cape Province).
 transkarooica D. Müller-Doblies in Willdenowia, 15(2): 470 (1986)—South Africa (Cape Province).
 uteana D. Müller-Doblies in Willdenowia, 15(2): 470 (1986)—South Africa (Cape Province).

GEUM (Rosac.).

- subgen. Constrictohirtistylis G. Panigrahi & K.M. Purohit in Bull. Bot. Surv. India, 26(3-4): 238 (1984 publ. 1986).
 ×catlingii J.-P. Bernard & R. Gauthier in Nat. Canad., 113(4): 321 (1986)—Canada (Quebec, Ontario). (G. canadense × urbanum).
 iranikum M. Khatamsaz in Iranian J. Bot., 3(2): 90 (1987)—Iran.
 japonicum C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14: 480 (1784)—Japan.†
 ×macneillii J.-P. Bernard & R. Gauthier in Nat. Canad., 113(4): 321 (1986)—Canada (Quebec). (G. laciniatum × urbanum).
 triflorum
 var. canescens (E. Greene) J.T. Kartesz & K.N. Gandhi in Phytologia, 68(6): 425 (1990): Erythrocoma canescens.

GIBASIS (Commelinac.).

- karwinskyana
 subsp. palmeri D.R. Hunt in Kew Bull., 41(1): 124 (1986)—Mexico.

GIBASIS :-

- linearis
 subsp. rhodantha (Torrey) D.R. Hunt in *Kew Bull.*, 41(1): 126 (1986): *Tradescantia rhodantha*.
 triflora (Martens & Galeotti) D.R. Hunt in *Kew Bull.*, 41(1): 121 (1986): *Tradescantia triflora*.
 venustula
 subsp. peninsulæ D.R. Hunt in *Kew Bull.*, 41(1): 125 (1986), nom. nov.: *Tradescantia heterophylla* T.S. Brandegee.

GIGANTOCHLOA (Gramin.).

- achmadii E.A. Widjaja in *Reinwardtia*, 10(3): 373 (1987)—Sumatra.
 atrovioleacea E.A. Widjaja in *Reinwardtia*, 10(3): 323 (1987)—Java.
 densa (E.G. & A. Camus) Nguyen To Quyen in *Bot. Zhurn.*, 75(2): 224 (1990): *Oxytenanthera densa*.
 dinhensis (A. Camus) Nguyen To Quyen in *Bot. Zhurn.*, 75(2): 224 (1990): *Oxytenanthera dinhensis*.
 hayatae (A. Camus) Nguyen To Quyen in *Bot. Zhurn.*, 75(2): 224 (1990): *Oxytenanthera hayatae*.
 hosseusii (Pilger) Nguyen To Quyen in *Bot. Zhurn.*, 75(2): 224 (1990): *Oxytenanthera hosseusii*.
 manggong E.A. Widjaja in *Reinwardtia*, 10(3): 365 (1987)—Java, Lesser Sunda Is., Burma.
 nigrociliata
 var. hohenaekerii (Fischer) H.B. Naithani, *Flow. Pl. India, Nepal & Bhutan*: 514 (1990): *Oxytenanthera nigrociliata* var. *hohenaekerii*.
 parvifolia (Brandis) Nguyen To Quyen in *Bot. Zhurn.*, 75(2): 224 (1990): *Oxytenanthera parvifolia*.
 poilanei (A. Camus) Nguyen To Quyen in *Bot. Zhurn.*, 75(2): 224 (1990): *Oxytenanthera poilanei*.
 pruriens E.A. Widjaja in *Reinwardtia*, 10(3): 369 (1987)—Sumatra.
 pseudoarundinacea (Steud.) E.A. Widjaja in *Reinwardtia*, 10(3): 305 (1987): *Bambusa pseudoarundinacea*.
 sinuata (Gamble) Nguyen To Quyen in *Bot. Zhurn.*, 75(2): 224 (1990): *Oxytenanthera sinuata*.
 stocksii (Munro) Nguyen To Quyen in *Bot. Zhurn.*, 75(2): 224 (1990): *Oxytenanthera stocksii*.
 tenuispiculata (A. Camus) Nguyen To Quyen in *Bot. Zhurn.*, 75(2): 225 (1990): *Oxytenanthera tenuispiculata*.
 vietnamica Nguyen to Quyen in *Bot. Zhurn.*, 72(6): 829 (1987)—Vietnam.
 vinhphuica Nguyen to Quyen in *Bot. Zhurn.*, 72(6): 830 (1987)—Vietnam.

GILIA (Polemoniaceae).

- densiflora (Benth.) Endl., *Cat. Horti Vindob.*, 2: 69 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 435 (1984): *Basionym* not stated.
 involucreta (Ruiz & Pavon) Endl., *Cat. Horti Vindob.*, 2: 69 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 435 (1984): *Navarretia involucreta*.
 tenuis F.J. Smith & E.C. Neese in *Great Basin Nat.*, 49(3): 461 (1989)—U.S.A. (Utah).

GIRARDINIA (Urticaceae).

- septentrionalis I.A. Grudzinskaya in *Bot. Zhurn.*, 72(7): 960 (1987)—U.S.S.R. (Soviet Far East), China, Korea.

GIRGENSOHNIA Bunge ex E. Fenzl in Ledeb., *Fl. Ross.*, 3: 835 (1851). **CHENOPODIACEAE**. †

- diptera A. Bunge, *Beitr. Fl. Russl.*: 303 (1852)—U.S.S.R. (Middle Asia). †
 heteroptera (Faub. & Spach) A. Bunge, *Beitr. Fl. Russl.*: 303 (1852): *Anabasis heteroptera*. †
 pallasi A. Bunge, *Beitr. Fl. Russl.*: 303 (1852)—U.S.S.R. (Middle Asia). †

GLADIOLUS (Iridaceae).

- abyssinicus (Brongn. ex Lemaire) P. Goldblatt & M.P. de Vos in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 11(4): 425 (1989 publ. 1990): *Antholyza abyssinica*.
 andringitrae P. Goldblatt in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 11(3): 240 (1989 publ. 1990)—Madagascar.
 antandroyi P. Goldblatt in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 11(3): 247 (1989 publ. 1990)—Madagascar.

GLADIOLUS :-

- aquamontanus P. Goldblatt in *S. Afr. J. Bot.*, 55(2): 261 (1989)—South Africa (Cape Province).
 bonaespei P. Goldblatt & M.P. de Vos in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 11(4): 421 (1989 publ. 1990), nom. nov.: *Watsonia pilosa Klatt*.
 decaryi P. Goldblatt in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 11(3): 246 (1989 publ. 1990)—Madagascar.
 dichrous (Bullock) P. Goldblatt in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 11(4): 426 (1989 publ. 1990): *Oenostachys dichroa*.
 fourcadei (L. Bolus) P. Goldblatt & M.P. de Vos in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 11(4): 422 (1989 publ. 1990): *Antholyza fourcadei*.
 guenzii Kunze, *Hort. Univ. Lit. Lips.*, 1844; *Linnaea*, 18: 510 (1845); cf. D.J. Mabberley in *Taxon*, 32(1): 85 (1983)—Locality not stated.
 horombensis P. Goldblatt in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 11(3): 243 (1989 publ. 1990)—Madagascar.
 huillensis (Welw. ex Baker) P. Goldblatt in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 11(4): 426 (1989 publ. 1990): *Antholyza huillensis*.
 huttonii (N.E. Br.) P. Goldblatt & M.P. de Vos in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 11(4): 422 (1989 publ. 1990): *Homoglossum huttonii*.
 loteniensis O.M. Hilliard & B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(2): 206 (1986)—South Africa (Natal).
 magnificus (Harms) P. Goldblatt in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 11(4): 426 (1989 publ. 1990): *Antholyza magnifica*.
 overbergensis P. Goldblatt & M.P. de Vos in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 11(4): 421 (1989 publ. 1990), nom. nov.: *Antholyza guthriei L. Bolus*.
 perrieri P. Goldblatt in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 11(3): 248 (1989 publ. 1990)—Madagascar.
 priorii (N.E. Br.) P. Goldblatt & M.P. de Vos in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 11(4): 421 (1989 publ. 1990): *Antholyza priorii*.
 saccatus (Klatt) P. Goldblatt & M.P. de Vos in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 11(4): 424 (1989 publ. 1990): *Anisanthus saccatus*.
 subsp. steingroeveri (Pax) P. Goldblatt & M.P. de Vos in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 11(4): 424 (1989 publ. 1990): *Antholyza steingroeveri*.
 schweinfurthii (Baker) P. Goldblatt & M.P. de Vos in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 11(4): 425 (1989 publ. 1990): *Antholyza schweinfurthii*.
 teretifolius P. Goldblatt & M.P. de Vos in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 11(4): 422 (1989 publ. 1990), nom. nov.: *Antholyza muiirii L. Bolus*.
 uitenhagensis P. Goldblatt & J.H.J. Vlok in *S. Afr. J. Bot.*, 55(2): 263 (1989)—South Africa (Cape Province).
 vandermerwei (L. Bolus) P. Goldblatt & M.P. de Vos in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 11(4): 421 (1989 publ. 1990): *Antholyza vandermerwei*.
 watsonius
 var. maculosus M.P. de Vos & P. Goldblatt in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 11(4): 421 (1989 publ. 1990)—South Africa (Cape Province).

GLANDULARIA (Verbenaceae).

- brachyrhynchos G.L. Nesom & L.A. Vorobik in *Sida*, 13(1): 31 (1988)—Mexico.
 cheitmaniana (Moldenke) S.M. Botta & L. Poggio in *Parodiiana*, 5(2): 334 (1989): *Verbena cheitmaniana*.

GLEDITSIA (Legumin.).

- medogensis Z.C. Ni in *Acta Phytotax. Sin.*, 25(3): 231 (1987)—Xizang.

- GLEKIA** O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 482 (1988 publ. 1989). **SCROPHULARIACEAE**.

GLEKIA :-

- krebsiana (Benth.) O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 482 (1988 publ. 1989): *Phyllopodium krebsianum*.

GLIA (Umbellif.).

- capensis (Houtt.) B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 199 (1988 publ. 1989): *Oenanthe capensis*.

GLOBBA (Zingiberac.).

- brachyanthera
 var. hirsuta R.M. Smith in *Notes Roy. Bot. Gard. Edinburgh*, 45(1): 18 (1988)—Borneo (Sarawak).
 var. rubra R.M. Smith in *Notes Roy. Bot. Gard. Edinburgh*, 45(1): 17 (1988)—Borneo (Sarawak, Kalimantan).
 japonica C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 73 (1784)—Japan. †
 muluensis R.M. Smith in *Notes Roy. Bot. Gard. Edinburgh*, 45(1): 14 (1988)—Borneo (Sarawak).
 tricolor
 var. gibbsiae (Ridley) R.M. Smith in *Notes Roy. Bot. Gard. Edinburgh*, 45(1): 11 (1988): *G. gibbsiae*.

GLOCHIDION (Euphorbiac.).

- airyshawii N.P. Balakrishnan & T. Chakrabarty in *Bull. Bot. Surv. India*, 25(1-4): 220 (1983 publ. 1985)—Andaman Is.
 bhutanicum D.G. Long in *Notes Roy. Bot. Gard. Edinburgh*, 44(1): 169 (1986)—Bhutan.
 triandrum
 var. siamense (Airy Shaw) P.T. Li in *Acta Phytotax. Sin.*, 26(1): 62 (1988): *G. acuminatum* var. *siamense*.

GLOESPERMUM (Violac.).

- pauciflorum W.H.A. Hekking in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 89(4): 399 (1986)—Panama.

GLOMERA (Orchidac.).

- emarginata P.J. Kores in *Allertonia*, 5(1): 113 (1989)—Fiji.
 pendulata (P. Royen) J.J. Wood in *Kew Bull.*, 41(4): 819 (1986): *Agrostophyllum pendulatum*.

GLOSSARION (Compos.).

- bilabiatum (Maguire) J.F. Pruski in *Brittonia*, 41(1): 39 (1989): *Guaicaria bilabiata*.

GLOSSOCARYA (Verbenac.).

- coriacea A.A. Munir in *J. Adelaide Bot. Gard.*, 13: 21 (1990)—Australia (Queensland).

GLOSSOGYNE (Compos.).

- tannensis (Sprengel) P.J. Garnock-Jones in *Taxon*, 35(1): 125 (1986): *Corcopsis tannensis*.

GLOSSOPETALON (Crossosomatac.).

- spinescens
 var. microphyllum N.H. Holmgren in *Brittonia*, 40(3): 272 (1988)—U.S.A. (Utah, Nevada).

GLOSSOSTIPULA D.H. Lorence in *Candollea*, 41(2): 454 (1986). **RUBIACEAE**.

- blepharophylla (Standley) D.H. Lorence in *Candollea*, 41(2): 457 (1986): *Randia blepharophylla*.
 concinna (Standley) D.H. Lorence in *Candollea*, 41(2): 458 (1986): *Randia concinna*.

GLUTA (Anacardiaceae).

- celebica A.J.G.H. Kostermans in *Blumea*, 33(2): 348 (1988)—Celebes.

GLYCERIA (Gramin.).

- aquatica
 subsp. debilior (Trinius) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 508 (1987): *G. aquatica* var. *debilior*.
 frutians
 subsp. declinata (Bréb.) O. de Bolos, R.M. Masalles & J. Vigo in *Collect. Bot.*, 17(1): 96 (1987 publ. 1988): *G. declinata*.
 leptorhiza
 subsp. depauperata (Ohwi) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 508 (1987): *G. depauperata*.

GLYCERIA :-

- subsp. infirma* (Ohwi) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 508 (1987); G. *infirma*.
notata
subsp. declinata (Brébisson) E.J. Weeda in *Gorteria*, 16(2): 48 (1990); G. *declinata*.
×tokitana S. Masumura in *Acta Phytotax. Geobot.*, 40(5-6): 165 (1989)—Japan. (G. *isochromeura* × *leptolepis*).

GLYCINE (Legumin.).

- albicans* M.D. Tindale & L.A. Craven in *Austral. Syst. Bot.*, 1(4): 401 (1988 publ. 1989)—Australia (W. Australia).
arenaria M.D. Tindale in *Brunonia*, 9(2): 187 (1987)—Australia (W. Australia, N. Terr.).
curvata M.D. Tindale in *Brunonia*, 9(1): 99 (1987)—Australia (Queensland).
hirticaulis M.D. Tindale & L.A. Craven in *Austral. Syst. Bot.*, 1(4): 406 (1988 publ. 1989)—Australia (N. Terr.).
lactovirens M.D. Tindale & L.A. Craven in *Austral. Syst. Bot.*, 1(4): 404 (1988 publ. 1989)—Australia (W. Australia).
microphylla (Benth.) M.D. Tindale in *Brunonia*, 9(2): 181 (1987); *Leptolobium microphyllum*.
minus Lag., *Elenchus*: 8 (1816); cf. D.J. Mabberley in *Taxon*, 31(1): 70 (1982)—Locality not stated.
monophylla (Vent.) Parmentier, *Cat. Pl. Enghien*: 37 (1818); cf. D.J. Mabberley in *Taxon*, 33(3): 442 (1984); Basionym not stated.
soja
var. albiflora P.Y. Fu & Y.A. Chen in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 119 (1986)—China.
f. angustifolia P.Y. Fu & Y.A. Chen in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 120 (1986)—China.
villosa C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 659 (1784)—Japan.†

GLYCOSMIS (Rutac.).

- chlorosperma*
var. bidiensis B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 3 (1985)—Borneo (Sarawak).
var. lindleyana (Swingle) B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 3 (1985); G. *lindleyana*.
var. macrorachis (King) B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 3 (1985); G. *pentaphylla* subvar. *macrorachis*.
var. paraphyllophora B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 3 (1985)—Malaya, Thailand.
collina B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 4 (1985)—Malaya.
cyanocarpa
var. erythrocarpoides B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 7 (1985)—Sumatra.
var. larsenii B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 8 (1985)—Thailand.
var. philippinensis B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 7 (1985)—Philippine Is.
var. rubiginosa (Ridl.) B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 7 (1985); G. *rubiginosa*.
var. wirawanii B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 6 (1985)—Lesser Sunda Is.
gracilis B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 10 (1985)—Vietnam.
longisepala B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 11 (1985)—Borneo (Sarawak).
mauritanica
var. fuscescens (Kurz) B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 14 (1985); G. *trifoliata* var. *fuscescens*.
var. hainanensis B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 14 (1985)—Hainan.
var. tomentosa (Ridley) B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 14 (1985); G. *rupestris* var. *tomentosa*.
medogensis D.D. Tao ex C.C. Huang in *Fl. Xizangica*, 3: 30 (1986)—Xizang.

GLYCOSMIS :-

- oligantha* C.C. Huang in *Guihaia*, 7(2): 122 (1987)—China.
parviflora
var. obtusa (Miq.) B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 15 (1985); G. *obtusa*.
puberula
var. craibii (Tanaka) B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 18 (1985); G. *craibii*.
var. eberhardtii (Tanaka) B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 18 (1985); G. *sapindoides* var. *eberhardtii*.
var. subsessilis (Craib) B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 18 (1985); G. *subsessilis*.
sapindoides
var. australiensis B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 18 (1985)—Australia (W. Australia).
var. microphylla B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 18 (1985)—Lesser Sunda Is.
stenura B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 19 (1985)—Malaya.
tetracronia B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 21 (1985), nom. nov.: *Tetracronia cymosa* Pierre.
trichanthera
var. kelantanica (Stone) B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 22 (1985); G. *calcicola* var. *kelantanica*.
var. sumatrana B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 22 (1985)—Sumatra.

GLYCYRRHIZA (Legumin.).

- eurycarpa* P.C. Li in *Acta Bot. Bor.-Occid. Sin.*, 4(2): 118 (1984)—Xinjiang, China.
glabra
var. caduca X.Y. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(1): 31 (1989)—Xinjiang.
var. glandulosa X.Y. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(1): 32 (1989)—Xinjiang.
var. laxifoliolata X.Y. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(1): 32 (1989)—Xinjiang.
macrophylla X.Y. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(1): 30 (1989)—Xinjiang.
shiheziensis X.Y. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(1): 29 (1989)—Xinjiang.
yunnanensis Cheng f. & L.K. Tai ex P.C. Li in *Acta Bot. Bor.-Occid. Sin.*, 4(2): 117 (1984)—China.

GNAPHALIOTHAMNUS (Compos.).

- aecidiocephalus* (Grierson) G.L. Nesom in *Phytologia*, 68(5): 373 (1990); *Anaphalis aecidiocephala*.
concinnum (A. Gray) G.L. Nesom in *Phytologia*, 68(5): 374 (1990); *Gnaphalium concinnum*.
costaricensis G.L. Nesom in *Phytologia*, 68(5): 374 (1990)—Costa Rica.
cryptocephalus G.L. Nesom in *Phytologia*, 68(5): 375 (1990)—Mexico.
durangensis G.L. Nesom in *Phytologia*, 69(1): 1 (1990)—Mexico.
elegantoides (Klatt) G.L. Nesom in *Phytologia*, 68(5): 376 (1990); *Chionolaena elegantoides*.
lavandulaefolius (Kunth) G.L. Nesom in *Phytologia*, 68(5): 377 (1990); *Elychrysum lavandulaefolium*.
macdonaldii G.L. Nesom in *Phytologia*, 68(5): 378 (1990)—Mexico.
salicifolius (Bertol.) G.L. Nesom in *Phytologia*, 68(5): 378 (1990); *Helichrysum salicifolium*.
sartorii (Klatt) G.L. Nesom in *Phytologia*, 68(5): 379 (1990); *Chionolaena sartorii*.

GNAPHALIUM (Compos.).

- dealbatum*
var. luteofuscum (Webb) W. Lobin in *Courier Forschungsinst. Senckenberg*, 81: 117 (1986); G. *luteo-fuscum*.
flavocephalum G.L. Nesom in *Phytologia*, 68(5): 413 (1990)—Mexico.
hintoniorum G.L. Nesom in *Phytologia*, 68(5): 414 (1990)—Mexico.
japonicum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 749 (1784)—Japan.†
laterale C.J. Webb in *New Zealand J. Bot.*, 26(3): 485 (1988)—New Zealand.

GNAPHALIUM :-

- microcephalum*
subsp. thermale (E. Nels.) G.W. Douglas in *Canad. J. Bot.*, 64(11): 2726 (1986); G. *thermale*.
polylepis (D. Drury) C.J. Webb in *New Zealand J. Bot.*, 25(1): 147 (1987); G. *paludosum* var. *polylepis*.
ruahinicum (D. Drury) C.J. Webb in *New Zealand J. Bot.*, 25(1): 147 (1987); G. *audax* subsp. *ruahinicum*.
sandwicensium
var. hawaiiense (Degener & Sherff) W.L. Wagner, D.R. Herbst & S.H. Sohmer in *Occas. Pap. Bernice P. Bishop Mus.*, 26: 115 (1986); G. *hawaiiense*.

GNEPHOSIS (Compos.).

- cassiniana* P.S. Short in *Muelleria*, 7(2): 242 (1990)—Australia (W. Australia).
drummondii (A. Gray) P.S. Short in *Muelleria*, 6(5): 317 (1987); *Chrysocoryne drummondii*.
multiflora (P. Short) P.S. Short in *Muelleria*, 6(5): 317 (1987); *Chrysocoryne multiflora*.
setifera P.S. Short in *Muelleria*, 7(2): 244 (1990)—Australia (W. Australia).
tridens (P. Short) P.S. Short in *Muelleria*, 6(5): 318 (1987); *Chrysocoryne tridens*.
trifida (P. Short) P.S. Short in *Muelleria*, 6(5): 318 (1987); *Chrysocoryne trifida*.
uniflora (Turcz.) P.S. Short in *Muelleria*, 6(5): 318 (1987); *Chrysocoryne uniflora*.

GNIDIA (Thymelaeac.).

- glauca*
var. sisparensis (Gard.) G.R. Kumari in A.N. Henry, G.R. Kumari & V. Chithra, *Fl. Tamil Nadu, India, Ser. 1*, 2: 214 (1987); G. *sisparensis*.
hirsuta (L.) M. Thulin in *Taxon*, 35(4): 724 (1986); *Lobelia hirsuta*.
renniana O.M. Hilliard & B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(2): 218 (1986)—South Africa (Natal).
robynsiana S. Lisowski in *Bull. Jard. Bot. Nation. Belg.*, 57(3-4): 461 (1987)—Zaire.
singularis O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 196 (1988 publ. 1989)—Lesotho.

GODETIA (Onagrac.).

- rosealba* (Bernh.) J.W. Loud., *Lad. Fl. Gard. Orn. Ann.*: 53 (1840); cf. D.J. Mabberley in *Taxon*, 32(1): 87 (1983); Basionym not stated.

×**GOHARTIA** hort. in *Orchid Rev.*, 97(1145): centre page pull-out p. 9 (1989). **ORCHIDACEAE**. (Gomesa × *Lockhartia*).

GOLDFUSSIA (Acanthac.).

- echinata* (Nees) K. Haridasan & R.R. Rao, *Forest Fl. Meghalaya*, 2: 663 (1987); *Strobilanthes echinata*.
grandissima H.P. Tsui in *Acta Bot. Yunnanica*, 12(3): 276 (1990)—China.
medogensis H.W. Li in *Fl. Xizangica*, 4: 413 (1985)—Xizang.
yunnanensis (Diels) H.P. Tsui in *Acta Bot. Yunnanica*, 12(3): 275 (1990); *Strobilanthes yunnanensis*.

×**GOMETTIA** hort. in *Orchid Rev.*, 97(1145): centre page pull-out p. 9 (1989). **ORCHIDACEAE**. (*Comparettia* × *Gomesa*).

×**GOMOGLOSSUM** hort. in *Orchid Rev.*, 94(1114): centre page pull-out p. 8 (1986). **ORCHIDACEAE**. (*Gomesa* × *Odontoglossum*).

GOMPHOLOBIUM (Legumin.).

- asperulum* (S. Moore) M.D. Crisp in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 129 (1987); *Burtonia asperula*.
confertum (D.C.) M.D. Crisp in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 129 (1987); *Burtonia conferta*.
gompholobioides (F. Muell.) M.D. Crisp in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 129 (1987); *Burtonia gompholobioides*.
simplicifolium (F. Muell. & Tate) M.D. Crisp in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 129 (1987); *Burtonia simplicifolia*.

- GOMPHOLOBIUM** :-
villosum (Meissner) M.D. Crisp in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 129 (1987): *Burtonia villosa*.
- GOMPHOSTEMMA** (Labiata).
javanicum
var. brevidens G. Murata in *Acta Phytotax. Geobot.*, 40(1-4): 101 (1989)—Thailand.
nayarii A.S. Chauhan in *Bull. Bot. Surv. India*, 28(1-4): 182 (1986 publ. 1988)—India.
- GOMPHRENA** (Amaranthac.).
boliviana
f. leiantha T.M. Pedersen in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 12(1): 76 (1990)—Argentina, Bolivia.
boliviana
f. robusta (Hicken) T.M. Pedersen in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 12(1): 77 (1990): *Iresine heliotropifolius* f. *robusta*.
elegans
var. mesopotamica T.M. Pedersen in *Fl. Illustr. Entre Ríos (Argent.)*, 3: 176 (1987)—Argentina.
martiana
f. austrina T.M. Pedersen in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 12(1): 78 (1990)—Argentina, Paraguay.
meyeniana
var. flaccida T.M. Pedersen in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 12(1): 82 (1990)—Argentina, Peru, Bolivia.
f. levitepala T.M. Pedersen in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 12(1): 83 (1990)—Argentina.
var. tucumanensis T.M. Pedersen in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 12(1): 85 (1990)—Argentina.
pallida
var. diffusa T.M. Pedersen in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 12(1): 86 (1990)—Argentina.
paranensis
subsp. paraguayensis T.M. Pedersen in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 12(1): 86 (1990)—Paraguay.
vitellina T.M. Pedersen in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 12(1): 87 (1990)—Paraguay.
- GONATOPUS** (Arac.).
clavatus S.J. Mayo in *Fl. Trop. E. Afr., Arac.*: 11 (1985)—Tanzania, Mozambique, Malawi.
- GONGORA** (Orchidac.).
chocoensis R. Jenny in *Orchidee*, 41(4): 122 (1990)—Colombia.
colombiana R. Jenny in *Orchidee*, 41(4): 123 (1990)—Colombia.
hirtzii C.H. Dodson & N.H. Williams in *Lindleyana*, 4(1): 30 (1989)—Ecuador.
pseudoatropurpurea R. Jenny in *Orchidee*, 41(4): 120 (1990)—Colombia.
- GONGRONEMA** (Asclepiadac.).
multibracteolatum P.T. Li & X.M. Wang in *Acta Phytotax. Sin.*, 25(6): 476 (1987)—China.
- GONGYLOLEPIS** (Compos.).
jauaensis (Aristeg., Maguire & Steyermark) V.M. Badillo in *Ernstia*, 46: 8 (1988): *Cardonaea jauaensis*.
oblanceolata J.F. Pruski in *Ann. Missouri Bot. Gard.*, 76(4): 994 (1989)—Brazil, Venezuela.
terramarae J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(1): 115 (1987)—Venezuela.
- GONGYLOSCIADIUM** K.H. Rechinger in *Fl. Iran.*, 162: 308 (1987). **UMBELLIFERAE**.
falcarioides (Bornm. & Wolff) K.H. Rechinger in *Fl. Iran.*, 162: 308 (1987): *Pimpinella falcarioides*.
- GONIOCHILUS** M.W. Chase in *Contrib. Univ. Mich. Herb.*, 16: 124 (1987). **ORCHIDACEAE**.
leochilinus (Reichb. f.) M.W. Chase in *Contrib. Univ. Mich. Herb.*, 16: 125 (1987): *Rodriguezia leochilina*.
- GONIOLIMON** (Plumbaginac.).
incanum (L.) F.N. Hepper in *Fl. Turkey & E. Aegean Is.*, 10: 212 (1988): *Statice incana*.
- GONIOHALAMUS** (Annonac.).
australis L.W. Jessup in *Austrobaileya*, 2(3): 224 (1986)—Australia (Queensland).
- GONOCALYX** (Ericac.).
amplexicaulis J.L. Luteyn in *Syst. Bot.*, 15(4): 745 (1990)—Panama.
- GONOCARPUS** (Haloragac.).
effusus A.E. Orchard in *Nuytsia*, 5(3): 331 (1986)—Australia (Queensland).
ephemerus A.E. Orchard in *Nuytsia*, 5(3): 327 (1986)—Australia (W. Australia).
ericifolius A.E. Orchard in *Nuytsia*, 5(3): 329 (1986)—Australia (W. Australia).
hispidus A.E. Orchard in *Nuytsia*, 5(3): 329 (1986)—Australia (W. Australia).
urceolatus A.E. Orchard in *Nuytsia*, 5(3): 332 (1986)—Australia (Queensland).
- GONOLOBUS** (Asclepiadac.).
antioquiensis G. Morillo in *An. Jard. Bot. Madrid*, 47(2): 352 (1989 publ. 1990)—Colombia.
campii G. Morillo in *An. Jard. Bot. Madrid*, 47(2): 353 (1989 publ. 1990)—Ecuador.
caucanus G. Morillo in *An. Jard. Bot. Madrid*, 47: 353 (1989 publ. 1990)—Colombia.
colombianus G. Morillo in *An. Jard. Bot. Madrid*, 43(2): 235 (1986 publ. 1987)—Colombia.
denticulatus (Vahl) W.D. Stevens in *Phytologia*, 64(5): 334 (1988): *Cynanchum denticulatum*.
germanianus G. Morillo in *Ernstia*, 50: 14 (1988)—Venezuela.
heterophyllus (Hemsley) G. Morillo in *An. Jard. Bot. Madrid*, 43(2): 237 (1986 publ. 1987): *Fischeria heterophylla*.
hildegardiae G. Morillo in *Ernstia*, 50: 16 (1988)—Venezuela.
macrotis G. Morillo in *An. Jard. Bot. Madrid*, 47(2): 353 (1989 publ. 1990)—Colombia.
marmoratus (Woods.) G. Morillo in *Ernstia*, 50: 17 (1988): *Exolobus marmoratus*.
purpureus G. Morillo in *An. Jard. Bot. Madrid*, 47(2): 354 (1989 publ. 1990)—Peru.
sagasteguii G. Morillo in *Ernstia*, 50: 17 (1988)—Peru.
stipitatus G. Morillo in *An. Jard. Bot. Madrid*, 43(2): 237 (1986 publ. 1987)—Colombia.
stipitatus Alain H. Liogier in *Phytologia*, 64(5): 345 (1988) later homonym of G. Morillo 1987—Hispaniola (Haiti).
- GOODALLIA** T. Bowdich, Exc. Madeira (ed. S. Bowdich): 61 (1825); cf. D.J. Mabberley in *Bot. Macaronesica*, 6: 59 (1980). **CRASSULACEAE**.
- GOODENIA** (Goodeniace.).
arachnoidea R. Carolin in *Telopea*, 3(4): 557 (1990)—Australia (W. Australia).
arenicola R. Carolin in *Telopea*, 3(4): 528 (1990)—Australia (Queensland).
argillacea R. Carolin in *Telopea*, 3(4): 563 (1990)—Australia (N. Terr.).
bellidifolia
subsp. argentea R. Carolin in *Telopea*, 3(4): 523 (1990)—Australia (New South Wales, Queensland).
benthamiana R.C. Carolin in *Fl. S. Australia*, 3: 1392 (1986), nom. nov.: G. *amplexans* var. *parvifolia* Benth.
berriginensis R. Carolin in *Telopea*, 3(4): 537 (1990)—Australia (W. Australia).
blackiana R.C. Carolin in *Fl. S. Australia*, 3: 1393 (1986)—Australia (Victoria, S. Australia).
brachypoda (F. Muell. ex Benth.) R. Carolin in *Telopea*, 3(4): 558 (1990): G. *sepalosa* var. *brachypoda*.
brunnea R.C. Carolin in *Fl. S. Australia*, 3: 1393 (1986)—Australia (S. Australia).
byrnesii R. Carolin in *Telopea*, 3(4): 560 (1990)—Australia (N. Terr., W. Australia, Queensland).
campestris R. Carolin in *Telopea*, 3(4): 561 (1990)—Australia (N. Terr.).
chthonocephala R. Carolin in *Telopea*, 3(4): 563 (1990)—Australia (N. Terr.).
- GOODENIA** :-
convexa R. Carolin in *Telopea*, 3(4): 529 (1990)—Australia (W. Australia).
cusackiana (F. Muell.) R. Carolin in *Telopea*, 3(4): 556 (1990): *Velleia cusackiana*.
delicata R. Carolin in *Telopea*, 3(4): 525 (1990)—Australia (Queensland, New South Wales).
drummondii R. Carolin in *Telopea*, 3(4): 519 (1990)—Australia (W. Australia).
durackiana R. Carolin in *Telopea*, 3(4): 559 (1990)—Australia (W. Australia).
fasciculata (Benth.) R. Carolin in *Telopea*, 3(4): 519 (1990): *Scaevola fasciculata*.
fordiana R. Carolin in *Telopea*, 3(4): 522 (1990)—Australia (New South Wales).
glareicola R. Carolin in *Telopea*, 3(4): 541 (1990)—Australia (W. Australia).
gloeophylla R. Carolin in *Telopea*, 3(4): 534 (1990)—Australia (W. Australia, N. Terr.).
goodeniacea (F. Muell.) R. Carolin in *Telopea*, 3(4): 529 (1990): *Scaevola goodeniacea*.
hederacea
subsp. alpestris (K. Krause) R. Carolin in *Telopea*, 3(4): 529 (1990): G. *hederacea* var. *alpestris*.
helmsii (E. Pritzl) R. Carolin in *Telopea*, 3(4): 520 (1990): *Scaevola helmsii*.
heppleana (W. Fitzg.) R. Carolin in *Telopea*, 3(4): 565 (1990): *Calogyne heppleana*.
heterophylla
subsp. eglandulosa R. Carolin in *Telopea*, 3(4): 526 (1990)—Australia (New South Wales).
subsp. montana R. Carolin in *Telopea*, 3(4): 527 (1990)—Australia (New South Wales).
subsp. teucrifolia (F. Muell.) R. Carolin in *Telopea*, 3(4): 527 (1990): G. *teucrifolia*.
heteroptera (F. Muell.) R. Carolin in *Telopea*, 3(4): 565 (1990): *Calogyne heteroptera*.
holtzeana (Specht) R. Carolin in *Telopea*, 3(4): 565 (1990): *Calogyne holtzeana*.
integerrima R. Carolin in *Telopea*, 3(4): 546 (1990)—Australia (W. Australia).
janamba R. Carolin in *Telopea*, 3(4): 547 (1990)—Australia (N. Terr., Queensland).
kakadu R. Carolin in *Telopea*, 3(4): 566 (1990)—Australia (N. Terr.).
kingiana R. Carolin in *Telopea*, 3(4): 521 (1990)—Australia (W. Australia).
krauseana R. Carolin in *Telopea*, 3(4): 550 (1990), nom. nov.: G. *nana* K. Krause.
leiosperma R. Carolin in *Telopea*, 3(4): 558 (1990)—Australia (N. Terr.).
lyrata R. Carolin in *Telopea*, 3(4): 538 (1990)—Australia (W. Australia).
macbarronii R. Carolin in *Telopea*, 3(4): 533 (1990)—Australia (New South Wales, Victoria, Queensland).
macroplectra (F. Muell.) R. Carolin in *Telopea*, 3(4): 551 (1990): *Velleia macroplectra*.
malvina R. Carolin in *Telopea*, 3(4): 562 (1990)—Australia (W. Australia, N. Terr.).
micrantha Hemsley ex R. Carolin in *Telopea*, 3(4): 551 (1990), nom. nov.: G. *filiformis* var. *minutiflora* F. Muell. ex K. Krause.
muelleriana R. Carolin in *Telopea*, 3(4): 555 (1990)—Australia (W. Australia).
neglecta (Carolin) R. Carolin in *Telopea*, 3(4): 565 (1990): *Calogyne neglecta*.
neogoodenia R. Carolin in *Telopea*, 3(4): 547 (1990), nom. nov.: *Neogoodenia minutiflora* Gardner & George.
nigrescens R. Carolin in *Telopea*, 3(4): 542 (1990)—Australia (N. Terr.).
ochracea R. Carolin in *Telopea*, 3(4): 549 (1990)—Australia (W. Australia).
pallida R. Carolin in *Telopea*, 3(4): 553 (1990)—Australia (W. Australia).
paludicola R. Carolin in *Telopea*, 3(4): 536 (1990)—Australia (Queensland, N. Terr.).
pascua R. Carolin in *Telopea*, 3(4): 544 (1990)—Australia (W. Australia).
perryi Gardner ex R. Carolin in *Telopea*, 3(4): 540 (1990)—Australia (W. Australia).
phillipsiae R. Carolin in *Telopea*, 3(4): 548 (1990)—Australia (W. Australia).
pilosa (R.Br.) R. Carolin in *Telopea*, 3(4): 565 (1990): *Calogyne pilosa*.
porphyrea (Carolin) R. Carolin in *Telopea*, 3(4): 565 (1990): *Calogyne porphyrea*.

- GOODENIA** :-
 potamica *R. Carolin in Telopea*, 3(4): 564 (1990)—Australia (N. Terr.).
 prostrata *R. Carolin in Telopea*, 3(4): 554 (1990)—Australia (W. Australia).
 purpurea (*F. Muell.*) *R. Carolin in Telopea*, 3(4): 565 (1990): Calogyne purpurea.
 quadrifida (*Carolin*) *R. Carolin in Telopea*, 3(4): 565 (1990): Calogyne quadrifida.
 quasilibera *R.C. Carolin in Fl. S. Australia*, 3: 1403 (1986)—Australia (W. Australia, S. Australia).
 racemosa
 var. latifolia *R. Carolin in Telopea*, 3(4): 524 (1990)—Australia (Queensland).
 redacta *R. Carolin in Telopea*, 3(4): 551 (1990)—Australia (W. Australia, N. Terr.).
 saccata *R.C. Carolin in Fl. S. Australia*, 3: 1403 (1986)—Australia (S. Australia).
 salmoniana (*F. Muell.*) *R. Carolin in Telopea*, 3(4): 550 (1990): Velleia salmoniana.
 sepalosa
 var. glandulosa *R. Carolin in Telopea*, 3(4): 556 (1990)—Australia (W. Australia).
 symonii (*Carolin*) *R. Carolin in Telopea*, 3(4): 565 (1990): Calogyne symonii.
 tripartita *R. Carolin in Telopea*, 3(4): 530 (1990)—Australia (W. Australia).
 viridula *R. Carolin in Telopea*, 3(4): 525 (1990)—Australia (Queensland).
 viscidula *R. Carolin in Telopea*, 3(4): 535 (1990)—Australia (N. Terr., Queensland).
 watsonii
 subsp. glandulosa *R. Carolin in Telopea*, 3(4): 518 (1990)—Australia (W. Australia).
 willisiana *R. Carolin in Telopea*, 3(4): 531 (1990)—Australia (Victoria, New South Wales, S. Australia).
- GOODYERA** (Orchidac.).
 hispaniolae *D.D. Dod in Moscosoa*, 4: 183 (1986)—Hispaniola (Dominican Republic, Haiti).
 vitiensis (*L.O. Williams*) *P.J. Kores in Allertonia*, 5(1): 25 (1989): *G. waitziana* var. *vitiensis*.
- GORDONIA** (Theac.).
 axillaris (*Roxb. ex Ker*) *Endl., Cat. Horti Vindob.*, 2: 365 (1842); *cf. D.J. Mabberley in Taxon*, 33(3): 435 (1984): Basionym not stated.
- GORGONIDIUM** (Arac.).
 vargasii *J. Bogner & D.H. Nicolson in Bot. Jahrb.*, 109(4): 543 (1988)—Peru.
 vermicidum (*Speg.*) *J. Bogner & D.H. Nicolson in Bot. Jahrb.*, 109(4): 548 (1988): *Staurostigma vermicidum*.
- GOSSYPIANTHUS** (Amaranthac.).
 lanuginosus
 var. tenuiflorus (*Hook.*) *J. Henrickson in Sida*, 12(2): 321 (1987): *G. tenuiflorus*.
- GOSSYPIUM** (Malvac.).
 anomalum
 subsp. senarense (*Wawra & Peyr.*) *K. Vollesen in Kew Bull.*, 42(2): 339 (1987): *G. senarense*.
 bricchettii (*Ulbrich*) *K. Vollesen in Kew Bull.*, 42(2): 349 (1987): *Cienfugosia bricchettii*.
 herbaceum
 subsp. africanum (*Watt*) *K. Vollesen in Kew Bull.*, 42(2): 343 (1987): *G. obtusifolium* var. *africanum*.
 schwendimanii *P.A. Fryxell & S.D. Koch in Aliso*, 11(4): 546 (1987)—Mexico.
 trifurcatum *K. Vollesen in Kew Bull.*, 42(2): 342 (1987)—Somali Republic.
- GOUANIA** (Rhamnac.).
 axilliflora *M.C. Johnston in Syst. Bot.*, 13(4): 493 (1988)—Peru.
 wurdackii *J.A. Steyermark in Ann. Missouri Bot. Gard.*, 75(2): 1065 (1988)—Venezuela.
- GOULDOCHLOA** *J. Valdés R., C.W. Morden & S.L. Hatch in Syst. Bot.*, 11(1): 112 (1986).
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 curvifolia *J. Valdés R., C.W. Morden & S.L. Hatch in Syst. Bot.*, 11(1): 112 (1986)—Mexico.
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 bella *E.W. Greenwood in Orquidea (México)*, 10(2): 230 (1987)—Mexico.
- GRAELLSIA** (Crucif.).
 hederifolia (*Coss.*) *R.D. Hyam & S.L. Jury in Bot. J. Linn. Soc.*, 102(1): 21 (1990): *Draba hederifolia*.
 subsp. cossonii (*Schulz*) *R.D. Hyam & S.L. Jury in Bot. J. Linn. Soc.*, 102(1): 21 (1990), as '(Schulz) Maire': *Draba cossonii*.
- GRAFFENRIEDA** (Melastomatac.).
 kralii *J.J. Wurdack in Mem. New York Bot. Gard.*, 51: 102 (1989)—Venezuela.
- GRAHAMIA** (Portulacac.).
 palmeri (*Brandege*) *B.L. Nyananyo & Heywood in Folia Geobot. Phytotax.*, 23(2): 218 (1988): *Talinaria palmeri*.
- GRAMMICA** (Convolvulac.).
 cesatiana (*Bertol.*) *J. Chrtek in Fl. Slovenska*, 4(4): 558 (1988): *Cuscuta cesatiana*.
- GRAPHARDISIA** (Myrsinac.).
 coibana *C.L. Lundell in Phytologia*, 59(6): 429 (1986)—Panama.
 murphyae *C.L. Lundell in Phytologia*, 63(2): 77 (1987)—Costa Rica.
 nicaraguensis *C.L. Lundell in Phytologia*, 59(6): 429 (1986)—Nicaragua.
 obtusata *C.L. Lundell in Phytologia*, 59(6): 430 (1986)—Panama.
 oxyphylla *C.L. Lundell in Phytologia*, 59(6): 430 (1986)—Panama.
 purpurea *C.L. Lundell in Phytologia*, 59(6): 431 (1986)—Panama.
 seranoana *C.L. Lundell in Phytologia*, 59(6): 431 (1986)—Panama.
 skutchii (*Morton*) *C.L. Lundell in Phytologia*, 59(6): 432 (1986): *Ardisia skutchii*.
 ustupoana *C.L. Lundell in Phytologia*, 59(6): 432 (1986)—Panama.
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- GRAPTOPETALUM** (Crassulac.).
 paraguayense
 subsp. bernalense *M. Kimmach & R. Moran in Cact. Succ. J. (U.S.A.)*, 58(2): 54 (1986)—Mexico.
 pentandrum
 subsp. superbum *M. Kimmach in Cact. Succ. J. (U.S.A.)*, 59(4): 142 (1987)—Cultivation ex Mexico.
- GRAYIA** (Chenopodiace.).
 brandegei
 var. plummeri *H.C. Stutz & S.C. Sanderson in Madroño*, 34(2): 148 (1987)—U.S.A. (Utah, Colorado, Wyoming, New Mexico).
- GRAZIELIA** (Compos.).
 brevipefolata *R.M. King & H. Robinson in Phytologia*, 65(6): 487 (1989), nom. nov.: *Eupatorium brevipefolatum Schultz-Bip. ex Hieron.*
- GREENEA** (Rubiace.).
 bahadurii *R.C. Gaur & R. Dayal in Indian J. Forest.*, 8(4): 323 (1985 publ. 1986)—India.
- GREENWOODIA** *P. Burns-Balogh in Orquidea (México)*, 10(1): 1 (1986). **ORCHIDACEAE**.
 sawyeri (*Standl. & L.O. Wms.*) *P. Burns-Balogh in Orquidea (México)*, 10(1): 1 (1986): *Spiranthes sawyeri*.
- GRENACHERIA** (Myrsinac.).
 royenii *H. Sleumer in Blumea*, 32(2): 395 (1987)—New Guinea (W. Irian).
- GREVILLEA** (Proteac.).
 acacioides *C. Gardner ex D.J. McGillivray, New Names Grevillea (Proteac.)*: 1 (1986)—Australia (W. Australia).
- GREVILLEA** :-
 acanthifolia
 subsp. paludosa *R.O. Makinson & D.E. Albrecht in Muelleria*, 7(1): 89 (1989)—Australia (New South Wales).
 acerata *D.J. McGillivray, New Names Grevillea (Proteac.)*: 1 (1986)—Australia (New South Wales).
 acrobotrya
 subsp. uniforma *D.J. McGillivray, New Names Grevillea (Proteac.)*: 1 (1986)—Australia (W. Australia).
 adenotricha *D.J. McGillivray, New Names Grevillea (Proteac.)*: 1 (1986)—Australia (New South Wales).
 aneura *D.J. McGillivray, New Names Grevillea (Proteac.)*: 1 (1986)—Australia (W. Australia).
 arenaria
 subsp. montana (*R. Br.*) *D.J. McGillivray, New Names Grevillea (Proteac.)*: 1 (1986): *G. montana*.
 baileyana *D.J. McGillivray, New Names Grevillea (Proteac.)*: 2 (1986), nom. nov.: *Kermadecia pinnatifida F.M. Bailey*.
 barklyana
 subsp. macleayana *D.J. McGillivray, New Names Grevillea (Proteac.)*: 2 (1986)—Australia (New South Wales).
 batrachioides *F. Muell. ex D.J. McGillivray, New Names Grevillea (Proteac.)*: 2 (1986)—Australia (?W. Australia).
 baueri
 subsp. asperula *D.J. McGillivray, New Names Grevillea (Proteac.)*: 2 (1986)—Australia (New South Wales).
 beadleana *D.J. McGillivray, New Names Grevillea (Proteac.)*: 2 (1986)—Australia (New South Wales).
 beardiana *D.J. McGillivray, New Names Grevillea (Proteac.)*: 2 (1986)—Australia (W. Australia).
 bedgoodiana *J.H. Willis ex D.J. McGillivray, New Names Grevillea (Proteac.)*: 3 (1986)—Australia (Victoria).
 benthamiana *D.J. McGillivray, New Names Grevillea (Proteac.)*: 3 (1986)—Australia (N. Terr.).
 brachystylis
 subsp. australis *G.J. Keighery in Nuytsia*, 7(2): 128 (1990)—Australia (W. Australia).
 bronweniae *G.J. Keighery in Nuytsia*, 7(2): 128 (1990), as 'bronwenae'—Australia (W. Australia).
 buxifolia
 subsp. phyllicoides (*R. Br.*) *D.J. McGillivray, New Names Grevillea (Proteac.)*: 3 (1986): *G. phyllicoides*.
 subsp. sphacelata (*R. Br.*) *D.J. McGillivray, New Names Grevillea (Proteac.)*: 3 (1986): *G. sphacelata*.
 byrnesii *D.J. McGillivray, New Names Grevillea (Proteac.)*: 3 (1986)—Australia (N. Terr.).
 cagiana *D.J. McGillivray, New Names Grevillea (Proteac.)*: 3 (1986)—Australia (W. Australia).
 christinae *D.J. McGillivray, New Names Grevillea (Proteac.)*: 4 (1986)—Australia (W. Australia).
 concinna
 subsp. lemanniana (*Meisn.*) *D.J. McGillivray, New Names Grevillea (Proteac.)*: 4 (1986): *G. lemanniana*.
 curviloba *D.J. McGillivray, New Names Grevillea (Proteac.)*: 4 (1986), nom. nov.: *G. vestita* var. *angustata Meisn.*
 decipiens *D.J. McGillivray, New Names Grevillea (Proteac.)*: 4 (1986)—Australia (W. Australia).
 didymobotrya
 subsp. involuta *D.J. McGillivray, New Names Grevillea (Proteac.)*: 4 (1986)—Australia (W. Australia).
 diffusa
 subsp. evansiana (*McKee*) *D.J. McGillivray, New Names Grevillea (Proteac.)*: 4 (1986): *G. evansiana*.
 subsp. filipendula *D.J. McGillivray, New Names Grevillea (Proteac.)*: 4 (1986)—Australia (New South Wales).
 disjuncta
 subsp. dolichopoda *D.J. McGillivray, New Names Grevillea (Proteac.)*: 5 (1986)—Australia (W. Australia).
 diversifolia
 subsp. subtersericata *D.J. McGillivray, New Names Grevillea (Proteac.)*: 5 (1986)—Australia (N. Terr.).

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- donaldiana K.F. Kenneally in *West. Austral. Nat.*, 17(5): 115 (1988)—Australia (W. Australia).
- drummondii
 subsp. centristigma D.J. McGillivray, *New Names Grevillea (Proteac.)*: 5 (1986)—Australia (W. Australia).
- subsp. pimeleoides (W.V. Fitzg.) D.J. McGillivray, *New Names Grevillea (Proteac.)*: 5 (1986): G. pimeleoides.
- dryandri
 subsp. dasycarpa D.J. McGillivray, *New Names Grevillea (Proteac.)*: 5 (1986)—Australia (N. Terr.).
- eristostachya
 subsp. excelsior (Diels) D.J. McGillivray, *New Names Grevillea (Proteac.)*: 5 (1986): G. excelsior.
- formosa D.J. McGillivray, *New Names Grevillea (Proteac.)*: 6 (1986)—Australia (N. Terr.).
- georgeana D.J. McGillivray, *New Names Grevillea (Proteac.)*: 6 (1986)—Australia (W. Australia).
- glabrata
 subsp. dissectifolia D.J. McGillivray, *New Names Grevillea (Proteac.)*: 6 (1986)—Australia (W. Australia).
- subsp. ornithopoda (Meisn.) D.J. McGillivray, *New Names Grevillea (Proteac.)*: 6 (1986): G. ornithopoda.
- goodii
 subsp. decora (Domin) D.J. McGillivray, *New Names Grevillea (Proteac.)*: 6 (1986): G. decora.
- subsp. pluricaulis D.J. McGillivray, *New Names Grevillea (Proteac.)*: 6 (1986)—Australia (N. Terr.).
- granulosa D.J. McGillivray, *New Names Grevillea (Proteac.)*: 7 (1986)—Australia (W. Australia).
- hakeoides
 subsp. commutata (F. Muell.) D.J. McGillivray, *New Names Grevillea (Proteac.)*: 7 (1986): G. commutata.
- subsp. stenophylla (W.V. Fitzg.) D.J. McGillivray, *New Names Grevillea (Proteac.)*: 7 (1986): G. stenophylla.
- iaspicula D.J. McGillivray, *New Names Grevillea (Proteac.)*: 7 (1986)—Australia (New South Wales).
- infecunda D.J. McGillivray, *New Names Grevillea (Proteac.)*: 7 (1986)—Australia (Victoria).
- integrifolia
 subsp. biformis (Meisn.) D.J. McGillivray, *New Names Grevillea (Proteac.)*: 7 (1986): Grevillea biformis.
- subsp. ceratocarpa (Diels) D.J. McGillivray, *New Names Grevillea (Proteac.)*: 7 (1986): G. ceratocarpa.
- subsp. incrassata (Diels) D.J. McGillivray, *New Names Grevillea (Proteac.)*: 8 (1986): G. incrassata.
- subsp. shuttleworthiana (Meisn.) D.J. McGillivray, *New Names Grevillea (Proteac.)*: 8 (1986): G. shuttleworthiana.
- kenneallyi D.J. McGillivray, *New Names Grevillea (Proteac.)*: 8 (1986)—Australia (W. Australia).
- leptopoda D.J. McGillivray, *New Names Grevillea (Proteac.)*: 8 (1986)—Australia (W. Australia).
- leucoclada D.J. McGillivray, *New Names Grevillea (Proteac.)*: 8 (1986)—Australia (W. Australia).
- linsmithii D.J. McGillivray, *New Names Grevillea (Proteac.)*: 8 (1986)—Australia (Queensland).
- lissopleura D.J. McGillivray, *New Names Grevillea (Proteac.)*: 9 (1986)—Australia (W. Australia).
- longicuspis D.J. McGillivray, *New Names Grevillea (Proteac.)*: 9 (1986)—Australia (N. Terr.).
- lullfitzii D.J. McGillivray, *New Names Grevillea (Proteac.)*: 9 (1986)—Australia (W. Australia).
- makinsonii D.J. McGillivray, *New Names Grevillea (Proteac.)*: 9 (1986)—Australia (W. Australia).
- manglesioides
 subsp. papillosa D.J. McGillivray, *New Names Grevillea (Proteac.)*: 9 (1986)—Australia (W. Australia).
- maxwellii D.J. McGillivray, *New Names Grevillea (Proteac.)*: 9 (1986)—Australia (W. Australia).
- minutiflora D.J. McGillivray, *New Names Grevillea (Proteac.)*: 10 (1986)—Australia (W. Australia).
- molyneuxii D.J. McGillivray, *New Names Grevillea (Proteac.)*: 10 (1986)—Australia (New South Wales).

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- murex D.J. McGillivray, *New Names Grevillea (Proteac.)*: 10 (1986)—Australia (W. Australia).
- myosodes D.J. McGillivray, *New Names Grevillea (Proteac.)*: 10 (1986)—Australia (W. Australia).
- nana
 subsp. abbreviata D.J. McGillivray, *New Names Grevillea (Proteac.)*: 10 (1986)—Australia (W. Australia).
- newbeyi D.J. McGillivray, *New Names Grevillea (Proteac.)*: 10 (1986)—Australia (W. Australia).
- obtusiflora
 subsp. granulifera D.J. McGillivray, *New Names Grevillea (Proteac.)*: 11 (1986)—Australia (New South Wales).
- subsp. kedumbensis D.J. McGillivray, *New Names Grevillea (Proteac.)*: 11 (1986)—Australia (New South Wales).
- oldci D.J. McGillivray, *New Names Grevillea (Proteac.)*: 11 (1986)—Australia (New South Wales).
- pauciflora
 subsp. psilophylla D.J. McGillivray, *New Names Grevillea (Proteac.)*: 11 (1986)—Australia (W. Australia).
- subsp. saxatilis D.J. McGillivray, *New Names Grevillea (Proteac.)*: 11 (1986)—Australia (W. Australia).
- petrophiloides
 subsp. magnifica D.J. McGillivray, *New Names Grevillea (Proteac.)*: 11 (1986)—Australia (W. Australia).
- subsp. oligomera D.J. McGillivray, *New Names Grevillea (Proteac.)*: 12 (1986)—Australia (W. Australia).
- phillipsiana D.J. McGillivray, *New Names Grevillea (Proteac.)*: 12 (1986)—Australia (W. Australia).
- pilosa
 subsp. dissecta D.J. McGillivray, *New Names Grevillea (Proteac.)*: 12 (1986)—Australia (W. Australia).
- polyacida D.J. McGillivray, *New Names Grevillea (Proteac.)*: 12 (1986)—Australia (N. Terr.).
- prasina D.J. McGillivray, *New Names Grevillea (Proteac.)*: 12 (1986)—Australia (N. Terr.).
- psilantha D.J. McGillivray, *New Names Grevillea (Proteac.)*: 12 (1986)—Australia (W. Australia).
- rosieri D.J. McGillivray, *New Names Grevillea (Proteac.)*: 13 (1986)—Australia (W. Australia).
- roycei D.J. McGillivray, *New Names Grevillea (Proteac.)*: 13 (1986)—Australia (W. Australia).
- salicifolia Endl., *Cat. Horti Vindob.*, 1: 287 (1842); cf. D.J. Mabblerley in *Taxon*, 33(3): 435 (1984)—Locality not stated.
- sarissa
 subsp. anfractifolia D.J. McGillivray, *New Names Grevillea (Proteac.)*: 13 (1986)—Australia (W. Australia).
- subsp. bicolor D.J. McGillivray, *New Names Grevillea (Proteac.)*: 13 (1986)—Australia (W. Australia).
- subsp. rectitapala D.J. McGillivray, *New Names Grevillea (Proteac.)*: 13 (1986)—Australia (W. Australia).
- subsp. succincta D.J. McGillivray, *New Names Grevillea (Proteac.)*: 13 (1986)—Australia (W. Australia).
- subsp. umbellifera (J.M. Black) D.J. McGillivray, *New Names Grevillea (Proteac.)*: 13 (1986): G. umbellifera.
- scortechinii
 subsp. sarmentosa (Blakely & McKie) D.J. McGillivray, *New Names Grevillea (Proteac.)*: 14 (1986): G. sarmentosa.
- secunda D.J. McGillivray, *New Names Grevillea (Proteac.)*: 14 (1986)—Australia (W. Australia).
- speciosa
 subsp. dimorpha (F. Muell.) D.J. McGillivray, *New Names Grevillea (Proteac.)*: 14 (1986): G. dimorpha.
- subsp. oleoides (Sieber ex Schultes & Schultes f.) D.J. McGillivray, *New Names Grevillea (Proteac.)*: 14 (1986): G. oleoides.
- spinosa D.J. McGillivray, *New Names Grevillea (Proteac.)*: 14 (1986)—Australia (W. Australia).
- spinossissima D.J. McGillivray, *New Names Grevillea (Proteac.)*: 14 (1986)—Australia (W. Australia).

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- subtiliflora D.J. McGillivray, *New Names Grevillea (Proteac.)*: 14 (1986)—Australia (W. Australia).
- tetrapleura D.J. McGillivray, *New Names Grevillea (Proteac.)*: 15 (1986)—Australia (W. Australia).
- thelemanniana
 subsp. delta D.J. McGillivray, *New Names Grevillea (Proteac.)*: 15 (1986)—Australia (W. Australia).
- subsp. fililoba D.J. McGillivray, *New Names Grevillea (Proteac.)*: 15 (1986)—Australia (W. Australia).
- subsp. hirtella (Benth.) D.J. McGillivray, *New Names Grevillea (Proteac.)*: 15 (1986): G. pinaster var. hirtella.
- subsp. obtusifolia (Meisn.) D.J. McGillivray, *New Names Grevillea (Proteac.)*: 15 (1986): G. obtusifolia.
- subsp. pinaster (Meisn.) D.J. McGillivray, *New Names Grevillea (Proteac.)*: 15 (1986): G. pinaster.
- subsp. preissii (Meisn.) D.J. McGillivray, *New Names Grevillea (Proteac.)*: 15 (1986): G. preissii.
- uncinulata
 subsp. florida D.J. McGillivray, *New Names Grevillea (Proteac.)*: 15 (1986)—Australia (W. Australia).
- velutinella D.J. McGillivray, *New Names Grevillea (Proteac.)*: 16 (1986)—Australia (W. Australia).
- versicolor D.J. McGillivray, *New Names Grevillea (Proteac.)*: 16 (1986)—Australia (N. Terr.).
- vestita
 subsp. isopogoides D.J. McGillivray, *New Names Grevillea (Proteac.)*: 16 (1986)—Australia (W. Australia).
- whiteana D.J. McGillivray, *New Names Grevillea (Proteac.)*: 16 (1986)—Australia (Queensland).
- wickhamii
 subsp. aprica D.J. McGillivray, *New Names Grevillea (Proteac.)*: 16 (1986)—Australia (N. Terr.).
- willisii
 subsp. pachylostyla D.J. McGillivray, *New Names Grevillea (Proteac.)*: 16 (1986)—Australia (Victoria).
- wittereri D.J. McGillivray, *New Names Grevillea (Proteac.)*: 16 (1986)—Australia (W. Australia).

GREWIA (Tiliac.).

- fabreguesii E. Boudouresque in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 10(4): 397 (1988 publ. 1989)—Niger, Zimbabwe, Senegal, Namibia, Chad, Kenya, Mauritania, Cameroun.
- gillettii Sebsebe Demissew & B. Mathew in *Kew Bull.*, 45(2): 323 (1990)—Somali Republic, Ethiopia, Yemen.
- ogadenensis Sebsebe Demissew in *Kew Bull.*, 43(3): 531 (1988)—Ethiopia, Somali Republic.

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- liboniana Morren in *Ann. Soc. Roy. Agr. Bot. Gand*, 1: 143 (1845); cf. D.J. Mabblerley in *Taxon*, 30(1): 16 (1981)—Locality not stated.

GRINDELIA (Compos.).

- arizonica
 var. neomexicana (Woot. & Standl.) G.L. Nesom in *Phytologia*, 68(4): 318 (1990): G. neomexicana.
- cabrerae L.A. Espinar in *Kurtziana*, 9: 81 (1976)—Argentina.
- var. alatocarpa L. Ariza Espinar in *Kurtziana*, 20: 170 (1989)—Argentina.
- eligulata (Steyererm.) G.L. Nesom in *Phytologia*, 68(4): 311 (1990): G. oxylepis var. eligulata.
- glutinosa (Cav.) Mart., *Hort. Acad. Erlangen*: 182 (1814); cf. D.J. Mabblerley in *Taxon*, 33(3): 442 (1984): Basionym not stated.
- hintoniorum G.L. Nesom in *Phytologia*, 68(4): 328 (1990)—Mexico.
- inuloides
 var. hirtella (Robinson & Greenm.) G.L. Nesom in *Phytologia*, 68(4): 326 (1990): G. squarrosa var. hirtella.
- var. latamplexa G.L. Nesom in *Phytologia*, 68(4): 327 (1990)—Mexico.

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- lanceolata*
var. *greenii* (Steyerm.) G.L. Nesom in *Phytologia*, 68(4): 324 (1990): G. *greenii*.
macvaughii G.L. Nesom in *Phytologia*, 68(4): 312 (1990)—Mexico.
nuda
var. *aphanactis* (Rydb.) G.L. Nesom in *Phytologia*, 68(4): 310 (1990): G. *aphanactis*.
oaxacana G.L. Nesom in *Phytologia*, 68(4): 323 (1990), nom. nov.: G. *microcephala* var. *montana* Steyerm.
turneri G.L. Nesom in *Phytologia*, 68(4): 313 (1990)—Mexico.
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GROSDURDYA (Orchidac.).

- callifera* G. Seidenfaden in *Op. Bot.*, 95: 320 (1988)—Thailand.

GUADUA (Gramin.).

- angustifolia*
var. *bicolor* X. Londoño in *Rev. Acad. Colomb. Cienc. Exact. Fis. Nat.*, 65: 379 (1989)—Colombia.

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- amacurensis* J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 615 (1987)—Venezuela.
ayacuchae J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 615 (1987)—Venezuela, Colombia.
bolivarensis J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 616 (1987)—Venezuela.
davidei J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 617 (1987)—Venezuela.
glabriflora J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 617 (1987)—Venezuela.
marcano-bertii J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 618 (1987)—Venezuela.
neblinensis B. Maguire & J.A. Steyermark in *Mem. New York Bot. Gard.*, 51: 109 (1989)—Venezuela.
sancarlosiana J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 618 (1987)—Venezuela.
sipapoana J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 620 (1987)—Venezuela.

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- luciae* H. de Souza Barreiros in *Albertoa*, 1(9): 70 (1987)—Brazil.
paniculata F. Buchanan-Hamilton in *Mem. Wern. Soc.*, 6: 306 (1 January 1832); *fid. D.J. Mabberley in Taxon*, 26(5-6): 528 (1977)—India.
pendula R. da Silva Ramalho, A.L. Pinheiro & T.D. Pennington in *Rev. Arvore*, 11(2): 185 (1987 publ. 1988)—Brazil.

GUATTERIA (Annonac.).

- alata* P.J.M. Maas & A.K. van Setten in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(3): 250 (1988)—Panama.
atabapensis Aristeguieta ex D.M. Johnson & N.A. Murray in *Ann. Missouri Bot. Gard.*, 77(3): 599 (1990)—Venezuela.
chrysophylla P.J.M. Maas & A.K. van Setten in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(3): 252 (1988)—Ecuador, Peru.
clusiifolia D.M. Johnson & N.A. Murray in *Ann. Missouri Bot. Gard.*, 77(3): 599 (1990)—Guyana.
cuatrecasasii D. Sánchez S. in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(3): 253 (1988)—Colombia, Ecuador.
liesneri D.M. Johnson & N.A. Murray in *Ann. Missouri Bot. Gard.*, 77(3): 598 (1990)—Venezuela, Brazil.
notabilis R. de Mello-Silva & J.R. Pirani in *Bol. Bot. (São Paulo)*, 10: 44 (1988)—Brazil.
rotundata P.J.M. Maas & A.K. van Setten in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(3): 255 (1988)—Panama.
sessilicarpa P.J.M. Maas & A.K. van Setten in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(3): 257 (1988)—Panama.

GUETTARDA (Rubiace.).

- andamanica* A.K. Goel & R.N. Mehrotra in *Indian J. Forest.*, 11(3): 241 (1988)—Andaman Is.
turrialbana N. Zamora V. & L.J. Poveda A. in *Ann. Missouri Bot. Gard.*, 75(3): 1157 (1988)—Costa Rica.

GUILLENIA (Crucif.).

- bracteosa* (Jafri) H.B. Naitani & S. Biswas in H.B. Naitani, *Flow. Pl. India, Nepal & Bhutan*: 42 (1990): *Microsisymbrium bracteosum*.

GUINDILIA (Sapindac.).

- cristata* (Radlk.) A.T. Hunziker in *Kurtziana*, 9: 100 (1976): *Valenzuelia cristata*.
dissecta (Covas & Burk.) A.T. Hunziker in *Kurtziana*, 9: 100 (1976): *Valenzuelia dissecta*.

GUIOA (Sapindac.).

- subsect. Acutifolia* P.C. van Welzen, *Guioa* Cav. (*Sapindac.*): *Taxon., Phylog., and Histor. Biogeog. (Leiden Bot. Ser., 12)*: 135 (1989).
subgen. Dimereza (Labill.) P.C. van Welzen, *Guioa* Cav. (*Sapindac.*): *Taxon., Phylog., and Histor. Biogeog. (Leiden Bot. Ser., 12)*: 133 (1989): gen. *Dimereza*.
sect. Dimereza (Labill.) P.C. van Welzen, *Guioa* Cav. (*Sapindac.*): *Taxon., Phylog., and Histor. Biogeog. (Leiden Bot. Ser., 12)*: 135 (1989): gen. *Dimereza*.
subsect. Dimereza (Labill.) P.C. van Welzen, *Guioa* Cav. (*Sapindac.*): *Taxon., Phylog., and Histor. Biogeog. (Leiden Bot. Ser., 12)*: 136 (1989): gen. *Dimereza*.
subsect. Montana P.C. van Welzen, *Guioa* Cav. (*Sapindac.*): *Taxon., Phylog., and Histor. Biogeog. (Leiden Bot. Ser., 12)*: 135 (1989).
sect. Oligotricha P.C. van Welzen, *Guioa* Cav. (*Sapindac.*): *Taxon., Phylog., and Histor. Biogeog. (Leiden Bot. Ser., 12)*: 134 (1989).
subsect. Patentinervis P.C. van Welzen, *Guioa* Cav. (*Sapindac.*): *Taxon., Phylog., and Histor. Biogeog. (Leiden Bot. Ser., 12)*: 134 (1989).
subsect. Pleuropteris (Blume) P.C. van Welzen, *Guioa* Cav. (*Sapindac.*): *Taxon., Phylog., and Histor. Biogeog. (Leiden Bot. Ser., 12)*: 136 (1989): *Cupania* sect. *Pleuropteris*.
sect. Pteropoda P.C. van Welzen, *Guioa* Cav. (*Sapindac.*): *Taxon., Phylog., and Histor. Biogeog. (Leiden Bot. Ser., 12)*: 133 (1989).
sect. Rigidiuscula P.C. van Welzen, *Guioa* Cav. (*Sapindac.*): *Taxon., Phylog., and Histor. Biogeog. (Leiden Bot. Ser., 12)*: 134 (1989).
subsect. Rigidiuscula P.C. van Welzen, *Guioa* Cav. (*Sapindac.*): *Taxon., Phylog., and Histor. Biogeog. (Leiden Bot. Ser., 12)*: 134 (1989).
subsect. Semiglaucia P.C. van Welzen, *Guioa* Cav. (*Sapindac.*): *Taxon., Phylog., and Histor. Biogeog. (Leiden Bot. Ser., 12)*: 135 (1989).
sect. Subsericea P.C. van Welzen, *Guioa* Cav. (*Sapindac.*): *Taxon., Phylog., and Histor. Biogeog. (Leiden Bot. Ser., 12)*: 135 (1989).
asquamosa P.C. van Welzen in *Blumea*, 33(2): 411 (1988)—Lesser Sunda Is.
elliptica P.C. van Welzen in *Blumea*, 33(2): 411 (1988)—British Solomon Is.
glaucia
var. *vulgaris* P.C. van Welzen in *Blumea*, 33(2): 411 (1988), nom. nov.: G. *glaucia* f. *trachycalyx* Radlk.
grandifoliola P.C. van Welzen in *Blumea*, 33(2): 412 (1988)—New Guinea (Papua New Guinea).
hirsuta P.C. van Welzen in *Blumea*, 33(2): 412 (1988)—Celebes.
malukuensis P.C. van Welzen in *Blumea*, 33(2): 418 (1988)—Moluccas.
marensis A. Guillaumin in *Mém. Mus. Nation. Hist. Nat. Nouv. Sér., B (Paris)*, 15(2): 111 (1967), without type—New Caledonia.
megacarpa P.C. van Welzen in *Blumea*, 33(2): 418 (1988)—Santa Cruz Is. South Pacific.
misimaensis P.C. van Welzen in *Blumea*, 33(2): 418 (1988)—Louisiane Archipelago.
multijuga P.C. van Welzen in *Blumea*, 33(2): 418 (1988)—New Guinea (W. Irian).
normanbiensis P.C. van Welzen in *Blumea*, 33(2): 418 (1988)—Louisiane Archipelago.
novobritannica P.C. van Welzen in *Blumea*, 33(2): 419 (1988)—New Britain.
novoeudaensis P.C. van Welzen in *Blumea*, 33(2): 419 (1988)—Vanuatu.
palawanica P.C. van Welzen in *Blumea*, 33(2): 419 (1988)—Philippine Is.
pseudoamabilis P.C. van Welzen in *Blumea*, 33(2): 419 (1988)—New Guinea (Papua New Guinea).

GUIOA :-

- pterorhachis* P.C. van Welzen in *Blumea*, 33(2): 419 (1988)—Borneo (Sabah).
punctata P.C. van Welzen in *Blumea*, 33(2): 420 (1988)—Fiji.
scalariformis P.C. van Welzen in *Blumea*, 33(2): 420 (1988)—New Guinea (Papua New Guinea).
sufusana P.C. van Welzen in *Blumea*, 33(2): 420 (1988)—British Solomon Is.
unguiculata P.C. van Welzen in *Blumea*, 33(2): 420 (1988)—New Guinea (Papua New Guinea).
waigeoensis P.C. van Welzen in *Blumea*, 33(2): 420 (1988)—New Guinea (W. Irian).

GUNNARELLA K. Senghas in *Orchidee*, 39(2): 71 (1988). ORCHIDACEAE.

- aymardii* (N. Hallé) K. Senghas in *Orchidee*, 39(2): 73 (1988): *Chamaeanthus aymardii*.
begaudii (N. Hallé) K. Senghas in *Orchidee*, 39(2): 73 (1988): *Chamaeanthus begaudii*.
brigittae (Hallé) K. Senghas in *Orchidee*, 39(2): 73 (1988): *Chamaeanthus brigittae*.
carinatus (J.J. Sm.) K. Senghas in *Orchidee*, 39(2): 73 (1988): *Chamaeanthus carinatus*.
florenciae (Hallé) K. Senghas in *Orchidee*, 39(2): 73 (1988): *Chamaeanthus florenciae*.
gracilis (Schltr.) K. Senghas in *Orchidee*, 39(2): 73 (1988): *Chamaeanthus gracilis*.
laxus (Schltr.) K. Senghas in *Orchidee*, 39(2): 73 (1988): *Chamaeanthus laxus*.
neocaledonicus (Rendle) K. Senghas in *Orchidee*, 39(2): 73 (1988): *Sarcophilus neocaledonicus*.
paniculatus (J.J. Sm.) K. Senghas in *Orchidee*, 39(2): 73 (1988): *Chamaeanthus paniculatus*.
robertsii (Schltr.) K. Senghas in *Orchidee*, 39(2): 73 (1988): *Sarcophilus robertsii*.

GUNNESSIA P.I. Forster in *Austrobaileya*, 3(2): 282 (1990). ASCLEPIADACEAE.

- pepo* P.I. Forster in *Austrobaileya*, 3(2): 282 (1990)—Australia (Queensland).

GUTENBERGIA (Compos.).

- sect. Paurolepis* (S. Moore) C. Jeffrey in *Kew Bull.*, 43(2): 250 (1988): gen. *Paurolepis*.
sect. Platylepis (S. Moore) C. Jeffrey in *Kew Bull.*, 43(2): 250 (1988): *Erlangea* sect. *Platylepis*.
babatiensis C. Jeffrey in *Kew Bull.*, 43(2): 253 (1988)—Tanzania.
cordifolia
var. *depauperata* (S. Moore) C. Jeffrey in *Kew Bull.*, 43(2): 252 (1988): *Erlangea marginata* var. *depauperata*.
var. *glanduliflora* (Wechuysen) C. Jeffrey in *Kew Bull.*, 43(2): 252 (1988): G. *glanduliflora*.
var. *marginata* (O. Hoffm.) C. Jeffrey in *Kew Bull.*, 43(2): 252 (1988): *Bothriocline marginata*.
var. *pulchra* (B.L. Burtt) C. Jeffrey in *Kew Bull.*, 43(2): 253 (1988): *Erlangea pulchra*.
filifolia (R.E. Fr.) C. Jeffrey in *Kew Bull.*, 43(2): 254 (1988): *Herderia filifolia*.
fruticosa (O. Hoffm.) C. Jeffrey in *Kew Bull.*, 43(2): 251 (1988): *Ageratina fruticosa*.
gilbertii C. Jeffrey in *Kew Bull.*, 43(2): 251 (1988)—Kenya.
pubescens (S. Moore) C. Jeffrey in *Kew Bull.*, 43(2): 255 (1988): *Ethulia pubescens*.
rupepelli
var. *fischeri* (R.E. Fr.) C. Jeffrey in *Kew Bull.*, 43(2): 254 (1988): G. *fischeri*.

GUTIERREZIA (Compos.).

- petradoria* (Welsh & Goodrich) S.L. Welsh in *Great Basin Nat.*, 43(2): 288 (1983): *Xanthocephalum petradoria*.
pomariensis (Welsh) S.L. Welsh in *Great Basin Nat.*, 43(2): 288 (1983): G. *sarothrae* var. *pomariensis*.

GUZMANIA (Bromeliac.).

- alborosea* H.E. Luther in *Selbyana*, 9(1): 187 (1986)—Ecuador.
andreettae W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 58: 46 (1986)—Ecuador.
butcheri W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 65: 42 (1988)—Panama.

GUZMANIA :-

- circinnata W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 60: 48 (1987)—Panama.
foetida W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 60: 52 (1987)—Ecuador.
madisonii H.E. Luther in *Selbyana*, 11: 56 (1989)—Ecuador.
morreniana
var. tenuifolia H.E. Luther in *Selbyana*, 11: 57 (1989)—Peru.
musaica
var. discolor H.E. Luther in *Selbyana*, 11: 56 (1989)—Panama.
var. rosea H.E. Luther in *Selbyana*, 11: 56 (1989)—Panama.
rauhiana H.E. Luther in *J. Bromeliad Soc.*, 38(3): 104 (1988)—Ecuador.
sanguinea
var. comosa H.E. Luther in *Selbyana*, 11: 54 (1989)—Colombia.
scherzeriana
var. albiflora W. Rauh in *J. Bromeliad Soc.*, 36(4): 164 (1986)—Ecuador.
terrestris L.B. Smith & J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 73(4): 715 (1986 publ. 1987)—Venezuela.
thyrsoidea W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 58: 50 (1986)—Costa Rica.
zahni
var. longiscapa W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 65: 45 (1988)—Panama.

GYMNACRANTHERA (Myristicac.).

- farquhariana
var. eugeniifolia (A.D.C.) R.T.A. Schouten in *Blumea*, 31(2): 480 (1986); *Myristica eugeniifolia*.
var. paniculata (A.D.C.) R.T.A. Schouten in *Blumea*, 31(2): 481 (1986); *Myristica paniculata*.
var. zippeliana (Miq.) R.T.A. Schouten in *Blumea*, 31(2): 482 (1986); *Myristica zippeliana*.
maliliensis R.T.A. Schouten in *Blumea*, 31(2): 467 (1986)—Celebes.
ocellata R.T.A. Schouten in *Blumea*, 31(2): 469 (1986)—Borneo (Sabah, Sarawak, Brunei, Kalimantan).

GYMNADENIA (Orchidac.).

- habenarioides (King & Pantl.) P. Vermeulen in *Jahresber. Naturwiss. Ver. Wuppertal*, 25: 33 (1972); *Orchis habenarioides*.

GYMNANTHEMUM (Compos.).

- coloratum (Willd.) H. Robinson & B. Kahn in *Proc. Biol. Soc. Wash.*, 99(3): 501 (1986); *Eupatorium coloratum*.

GYMNANTHERA (Asclepiadac.).

- fruticosa K.L. Wilson in *J. Adelaide Bot. Gard.*, 10(1): 113 (1987)—Australia (N. Terr.).

GYMNANTHES (Euphorbiac.).

- dressleri G.L. Webster in *Ann. Missouri Bot. Gard.*, 75(3): 1130 (1988)—Panama.
farinosa (Griseb.) G.L. Webster in *Ann. Missouri Bot. Gard.*, 75(3): 1131 (1988); *Excoecaria farinosa*.

GYMNEMA (Asclepiadac.).

- acuminatum
var. glabrum M.A. Rahman & C.C. Wilcock in *Blumea*, 34(1): 100 (1989)—Bangladesh, Burma.
dunnii (Maiden & Betche) P.I. Forster in *Austrobaileya*, 2(4): 401 (1987); *Marsdenia rostrata* var. *dunnii*.

×GYMNIGRITELLA (Orchidac.).

- runei H. Teppner & E. Klein in *Phyton (Austria)*, 29(2): 163 (1989)—Sweden.
truongiae M. Demares in *Orchidophile*, 82: 110 (1988), as 'truongae'—France. (*Gymnadenia conopsea* × *Nigritiella corneliana*).

GYMNOCACTUS John & Riha in *Kaktusy*, 19(1): 22 (1981), contrary to Art. 64.1 ICBN 1983; cf. *Repert. Pl. Succ. (I.O.S.)*, 34: 7 (1985). **CACTACEAE**.

GYMNOCALYCIUM (Cactac.).

- achirasense Till & Schatzl ex H. Till in *Kakt. And. Sukk.*, 38(8): 191 (1987)—Argentina.
acorrugatum J.G. Lambert in *Succulenta*, 67(1): 4 (1988)—Argentina.
alboaeolatum
var. ramosum W. Rausch in *Gymnocalycium*, 3(2): 31 (1990)—Argentina.
bayrianum Till ex H. Till in *Kakt. And. Sukk.*, 38(8): 191 (1987)—Argentina.
borthii Koop ex H. Till in *Kakt. And. Sukk.*, 38(8): 191 (1987)—Argentina.
bruchii
var. brigittae J. Piltz in *Succulenta*, 66(10): 213 (1987)—Argentina.
var. niveum W. Rausch in *Succulenta*, 68(9): 180 (1989)—Argentina.
eurypleurum F. Ritter ex F. Plesnik in *Kaktusy (Brno)*, 8(3): 70 (1972)—Paraguay.
ferox (Backeb.) Slaba in *Kaktusy*, 20(4): 80 (1984), basionym not validly publ.; cf. *Repert. Pl. Succ. (I.O.S.)*, 35: 4 (1985); *G. hybopleurum* var. *ferox*.
var. ferocior (Backeb.) Slaba in *Kaktusy*, 20(4): 83 (1984), basionym not validly publ.; cf. *Repert. Pl. Succ. (I.O.S.)*, 35: 4 (1985); *G. hybopleurum* var. *ferocior*.
horridispinum Frank ex H. Till in *Kakt. And. Sukk.*, 38(8): 191 (1987)—Argentina.
intertextum Backeberg ex H. Till in *Kakt. And. Sukk.*, 38(8): 191 (1987)—Argentina.
kozelskyanum B. Schütz in *Kaktusy (Brno)*, 66(Duben): 47 (1966)—Argentina.
monvillei
var. grandiflorum (Bckbg.) H. Till in *Gymnocalycium*, 3(3): 38 (1990); *G. grandiflorum*.
var. steineri H. Till in *Gymnocalycium*, 3(3): 39 (1990)—Argentina.
moserianum B. Schütz in *Kaktusy (Brno)*, 66(Ünor-Bfezen): 28 (1966)—Argentina.
obductum J. Piltz in *Succulenta*, 69(4): 75 (1990)—Argentina.
pflanzii
subspec. argentinense H. Till & W. Till in *Kakt. And. Sukk.*, 39(12): 277 (1988)—Argentina.
platense
var. ventanica (Speg.) R. Kiesling in *Succulenta*, 67(11): 237 (1988); *Echinocactus gibbosus* var. *ventanica*.
pugionacanthum Backeberg ex H. Till in *Kakt. And. Sukk.*, 38(8): 191 (1987)—Argentina.
rauschii H. Till & W. Till in *Succulenta*, 69(2): 27 (1990)—Uruguay.
schoederianum
subsp. bayense R. Kiesling in *Cact. Succ. J. (U.S.A.)*, 59(2): 48 (1987)—Argentina.
subsp. paucicostatum R. Kiesling in *Cact. Succ. J. (U.S.A.)*, 59(2): 49 (1987)—Argentina.
strigilium Jeggle ex H. Till in *Kakt. And. Sukk.*, 38(8): 191 (1987)—Argentina.
tangingaense J. Piltz in *Kakt. And. Sukk.*, 41(2): 26 (1990)—Argentina.

GYMNOPETALUM G.A.W. Arnott in *Madras J. Lit. Sci.*, 12: 52 (1840). **CUCURBITACEAE**.
ceylanicum G.A.W. Arnott in *Madras J. Lit. Sci.*, 12: 52 (1840), nom. illegit.—E. Indies.
wightii G.A.W. Arnott in *Madras J. Lit. Sci.*, 12: 52 (1840)—E. Indies.

GYMNOSPERMIUM (Berberidac.).

kianganensis (Chiu) H. Leconte in *Canad. J. Bot.*, 67(8): 2315 (1989); *Loentice kianganensis*.

GYMNOSPORA (Celastrac.).

wightiana (Babu) R.S. Rao, *Fl. Goa, Diu, Daman, Dadra & Nagarhaveli (Fl. India, Ser. 2)*, 1: 76 (1985); *Maytenus wightiana*.

GYMNOSTACHYUM (Acanthac.).

febrifugum
var. bracteatum V.S. Ramachandran in V.S. Ramachandran & V.J. Nair, *Fl. Cannanore: 336* (1988)—India.

GYMNOSTOMA (Casuarinac.).

australianum L.A.S. Johnson in *Fl. Australia*, 3: 202, 103 (1989)—Australia (Queensland).

GYNOCHTHODES (Rubiace.).

australiensis J.T. Johansson in *Austral. Syst. Bot.*, 1(4): 369 (1988 publ. 1989), as 'Gynochthodes'—Australia (N. Terr., Queensland).
epiphytica (Rechinger) A.C. Smith & S.P. Darwin in *Fl. Vitiensis Nova*, 4: 343 (1988), as 'Gynochthodes': *Plectronia epiphytica*.

GYNOPACHIS (Rubiace.).

beccariana (Baillon) D.D. Tirvengadam in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 8(3): 284 (1986); *Randia beccariana*.
binata (King & Gamble) D.D. Tirvengadam in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 8(3): 283 (1986); *Randia binata*.
impressinervis (King & Gamble) D.D. Tirvengadam in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 8(3): 283 (1986); *Randia impressinervis*.
jambosoides (Valeton) D.D. Tirvengadam in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 8(3): 284 (1986); *Randia jambosoides*.
pulcherrima (Merr.) D.D. Tirvengadam in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 8(3): 285 (1986); *Randia pulcherrima*.
umbellata (Elm.) D.D. Tirvengadam in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 8(3): 283 (1986); *Randia umbellata*.

GYNOSTEMMA (Cucurbitac.).

guangxiense X.X. Chen & D.H. Qin in *Acta Bot. Yunnanica*, 10(4): 495 (1988)—China.
pentagynum Z.P. Wang in *Acta Bot. Yunnanica*, 11(2): 165 (1989)—China.
yixingense
var. trichocarpum J.N. Ding in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(3): 71 (1990)—China.

GYNOXYS (Compos.).

colanensis M.O. Dillon & A. Sagástegui Alva in *Brittonia*, 40(2): 221 (1988)—Peru.
dilloniana A. Sagástegui-Alva & C. Tellez-Alvarado in *Brittonia*, 39(4): 432 (1987)—Peru.
lopezii M.O. Dillon & A. Sagástegui Alva in *Brittonia*, 40(2): 223 (1988)—Peru.
tetroici V.A. Funk & H. Robinson in *Rev. Acad. Colomb. Cienc. Exact. Fis. Nat.*, 65: 243 (1989)—Peru.

GYNURA (Compos.).

campanulata C. Jeffrey in *Kew Bull.*, 41(4): 929 (1986)—Kenya.
cusimbua
var. petiolata (Hook. f.) R. Mathur in R.R. Rao et al., *Fl. Ind. Enumerat. - Asterac.*: 42 (1988); *G. angulosa* var. *petiolata*.
drymophila
var. glabrifolia P.I. Forster & A. Thongpukdee in *Austrobaileya*, 2(5): 564 (1988)—Australia (Queensland).
hmopaengensis H. Koyama in *Acta Phytotax. Geobot.*, 39(4-6): 152 (1988)—Thailand.
malaccensis R.O. Belcher in *Kew Bull.*, 44(3): 538 (1989)—Malaya.

GYPSACANTHUS E.J. Lott, V. Jaramillo L. & J. Rzedowski in *Bol. Soc. Bot. Méx.*, 46: 47 (1984 publ. 1986). **ACANTHACEAE**.
nelsonii E.J. Lott, V. Jaramillo L. & J. Rzedowski in *Bol. Soc. Bot. Méx.*, 46: 47 (1984 publ. 1986)—Mexico.

GYPSOPHILA (Caryophyllac.).

sect. *Hispidae* (Schischk.) K.H. Rechinger in *Fl. Iran.*, 163: 241 (1988); *G. ser. Hispidae*.
sect. *Hoplites* K.H. Rechinger in *Fl. Iran.*, 163: 217 (1988).
subgen. *Kabulianthe* K.H. Rechinger in *Fl. Iran.*, 163: 244 (1988).
leioclada K.H. Rechinger in *Fl. Iran.*, 163: 238 (1988)—Iran.
makranica (Rech.f.) S.A. Chazanfar in *Fl. Pakistan*, 175: 94 (1986); *Saponaria makranica*.

GYPSOPHILA :-

rupestris A.N. Kupriyanov in *Bot. Zhurn.*, 74(12): 1785 (1989)—U.S.S.R. (Middle Asia).

GYRINOPS (Thymelaeac.).

vidalii Pham-hoang Ho in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(3): 242 (1986)—Laos.

H**HAAGEOCEREUS** (Cactac.).

weberbaueri (Schumann ex Vaupel) D. Hunt in *Bradleya*, 5: 92 (1987): *Cereus weberbaueri*.

HABENARIA (Orchidac.).

bougainvillae J. Renz in *Pl. Syst. Evol.*, 155(1-4): 326 (1987)—Bougainville Is.
brownelliana P.M. Catling in *Brittonia*, 39(3): 402 (1987)—Belize, Mexico.
elongata
var. leptophylla J. Renz in *Pl. Syst. Evol.*, 155(1-4): 330 (1987)—New Guinea (Papua New Guinea).
ensigera J. Renz in *Pl. Syst. Evol.*, 155(1-4): 319 (1987)—New Guinea (W. Irian).
falcicornis
subsp. caffra (Schltr.) J.C. Manning in *S. Afr. J. Bot.*, 55(2): 192 (1989): *H. caffra*.
indica C. Sathish Kumar & K.S. Mamill in *Taxon*, 35(4): 719 (1986), nom. nov.: *H. affinis* Wight.
ixtlanensis E.W. Greenwood in *Orquidea (México)*, 10(2): 297 (1987)—Mexico.
kolweziensis D. Geerinck & Schaïjes in *Bull. Jard. Bot. Nation. Belg.*, 60(1-2): 189 (1990)—Zaire.
magniscutata P.M. Catling in *Taxon*, 36(4): 760 (1987), nom. nov.: *H. rostrata* Pabst.
malacophylla
var. shabaensis D. Geerinck in *Bull. Jard. Bot. Nation. Belg.*, 57(3-4): 481 (1987)—Zaire.
mossii (G. Williamson) J.C. Manning in *S. Afr. J. Bot.*, 55(2): 193 (1989): *H. lithophila* subsp. *mossii*.
polytrichoides L.V. Aver'yanov in *Bot. Zhurn.*, 73(3): 432 (1988), nom. nov.: *H. stenopetala* var. *polytricha* Hook. f.
pseudociliosa Schelpe ex J.C. Manning in *S. Afr. J. Bot.*, 55(2): 193 (1989)—South Africa (Natal, Cape Province, Transvaal).
rechingeri J. Renz in *Pl. Syst. Evol.*, 155(1-4): 324 (1987)—New Guinea (W. Irian).
robbrechtiana D. Geerinck & M. Schaïjes in *Bull. Jard. Bot. Nation. Belg.*, 57(3-4): 481 (1987)—Zaire.
setifera (Tuyama) F.R. Fosberg & M.H. Sacht in *Micronesica*, 20(1-2): 142 (1987): *Peristylus setifer*.
tangheana D. Geerinck in *Bull. Jard. Bot. Nation. Belg.*, 57(3-4): 482 (1987)—Zaire.
tenuifolia
var. bianoensis D. Geerinck in *Bull. Jard. Bot. Nation. Belg.*, 60(1-2): 189 (1990)—Zaire.
trichoglossa J. Renz in *Pl. Syst. Evol.*, 155(1-4): 322 (1987)—New Guinea (Papua New Guinea).
unguilabris B.R. Adams in *Orchid Rev.*, 98(1155): 17 (1990)—Zimbabwe.
vandenbergheniana D. Geerinck in *Bull. Jard. Bot. Nation. Belg.*, 57(3-4): 483 (1987)—Zaire.
vasquezii C.H. Dodson in *Ac. Pl. Trop.*, Ser. 2, 3: t. 237 (1989)—Bolivia.
vermeuleniana D. Geerinck & M. Schaïjes in *Bull. Jard. Bot. Nation. Belg.*, 57(3-4): 482 (1987)—Zaire.
zothecina L.C. Higgins & S.L. Welsh in *Great Basin Nat.*, 46(2): 259 (1986)—U.S.A. (Utah).

HABRACANTHUS (Acanthac.).

atropurpureus (Lindau) J.R.I. Wood in *Kew Bull.*, 43(1): 27 (1988): *Syringidium atropurpureum*.
charitopes (Leonard) J.R.I. Wood in *Kew Bull.*, 43(1): 27 (1988): *Hansteinia charitopes*.
harlingii D.C. Wasshausen in *Op. Bot.*, 92: 272 (1987)—Ecuador.
kirkbridei (Wasshausen) J.R.I. Wood in *Kew Bull.*, 43(1): 26 (1988): *Kalbreyeracanthus kirkbridei*.

HABRACANTHUS :-

leonardianus J.R.I. Wood in *Kew Bull.*, 43(1): 35 (1988)—Colombia.
magdalenensis (Wasshausen) J.R.I. Wood in *Kew Bull.*, 43(1): 28 (1988), without exact basionym page: *Hansteinia magdalenensis*.
maximus J.R.I. Wood in *Kew Bull.*, 43(1): 41 (1988)—Colombia.
puberulus (Lindau) J.R.I. Wood in *Kew Bull.*, 43(1): 31 (1988): *Stenostephanus puberulus*.
punicus D.C. Wasshausen in *Acta Bot. Venezuel.*, 15(2): 135 (1987)—Venezuela.
racemosus J.R.I. Wood in *Kew Bull.*, 43(1): 29 (1988)—Colombia.
tachirensis D.C. Wasshausen in *Acta Bot. Venezuel.*, 15(2): 133 (1987)—Venezuela.
zuliensis D.C. Wasshausen in *Acta Bot. Venezuel.*, 15(2): 136 (1987)—Venezuela.

HABRANTHUS (Amaryllidac.).

albispiritus P. Ravenna in *Onira, Bot. Leaflet.*, 1(8): 54 (1988)—Argentina.
bahiensis P. Ravenna in *Onira, Bot. Leaflet.*, 1(8): 53 (1988)—Brazil.
lacteus (S. Moore) P. Ravenna in *Onira, Bot. Leaflet.*, 1(8): 56 (1988): *Zephyranthes lactea*.
quilmesianus P. Ravenna in *Onira, Bot. Leaflet.*, 1(8): 54 (1988)—Argentina.

HAEGIELA P.S. Short & Paul G. Wilson in *Muelleria*, 7(2): 259 (1990). **COMPOSITAE.**

tatei (F. Muell.) P.S. Short & Paul G. Wilson in *Muelleria*, 7(2): 263 (1990): *Epaltes tatei*.

HAEMODORUM (Haemodorac.).

discolor T.D. Macfarlane in *Fl. Australia*, 45: 464, 138 (1987)—Australia (W. Australia).
gracile T.D. Macfarlane in *Fl. Australia*, 45: 464, 147 (1987)—Australia (W. Australia).
loratum T.D. Macfarlane in *Fl. Australia*, 45: 464, 140 (1987)—Australia (W. Australia).
venosum T.D. Macfarlane in *Fl. Australia*, 45: 464, 138 (1987)—Australia (W. Australia).

HAGENBACHIA (Anthericac.).

columbiana R.W. Cruden in *Nordic J. Bot.*, 7(3): 259 (1987)—Colombia.
hassleriana (Baker) R.W. Cruden in *Nordic J. Bot.*, 7(3): 259 (1987): *Chlorophytum hasslerianum*.
panamensis (Standley) R.W. Cruden in *Phytologia*, 59(6): 380 (1987): *Anthericum panamense*.

HAKEA (Proteac.).

bicornata R.M. Barker in *J. Adelaide Bot. Gard.*, 13: 104 (1990)—Australia (W. Australia).
cygna B. Lamont in *Bot. J. Linn. Soc.*, 94(4): 439 (1987)—Australia (W. Australia).
subsp. needlei B. Lamont in *Bot. J. Linn. Soc.*, 94(4): 440 (1987)—Australia (W. Australia).
erecta B. Lamont in *Bot. J. Linn. Soc.*, 94(4): 440 (1987)—Australia (W. Australia).
horrida C. Gardner ex R.M. Barker in *J. Adelaide Bot. Gard.*, 13: 102 (1990)—Australia (W. Australia).
longiflora (Benth.) R.M. Barker in *J. Adelaide Bot. Gard.*, 13: 106 (1990): *H. erinacea* var. *longiflora*.
newbeyana R.M. Barker in *J. Adelaide Bot. Gard.*, 13: 103 (1990)—Australia (W. Australia).
obliqua
subsp. parviflora R.M. Barker in *J. Adelaide Bot. Gard.*, 13: 99 (1990)—Australia (W. Australia).
pandanicarpa
subsp. crassifolia (Meissn.) R.M. Barker in *J. Adelaide Bot. Gard.*, 13: 105 (1990): *H. crassifolia*.
pendens R.M. Barker in *J. Adelaide Bot. Gard.*, 13: 100 (1990)—Australia (W. Australia).
psilorhyncha R.M. Barker in *J. Adelaide Bot. Gard.*, 13: 98 (1990)—Australia (W. Australia).
spathulata (Benth.) R.M. Barker in *J. Adelaide Bot. Gard.*, 13: 107 (1990): *H. auriculata* var. *spathulata*.
teretifolia
subsp. hirsuta (Endl.) R.M. Barker in *J. Adelaide Bot. Gard.*, 13: 105 (1990): *H. pugioniformis* β *hirsuta*.

HALGANIA (Boraginac.).

brachyrhyncha Peter G. Wilson in *Telopea*, 4(1): 137 (1990)—Australia (New South Wales, Queensland).

HALIMOCNEMIS (Chenopodiac.).

subsect. Brachyphylla U.P. Prатов in *Aktualnye Voprosy Bot. v. SSSR: Tezisy Dokladov VIII S'ezda Vses. Bot. Obshch.*: 28 (1988), without latin descr.
subsect. Dolichophyllae U.P. Prатов in *Aktualnye Voprosy Bot. v. SSSR: Tezisy Dokladov VIII S'ezda Vses. Bot. Obshch.*: 28 (1988), without latin descr. or type.
sect. Pentamerae U.P. Prатов in *Aktualnye Voprosy Bot. v. SSSR: Tezisy Dokladov VIII S'ezda Vses. Bot. Obshch.*: 28 (1988), without latin descr. or type.
macranthera A. Bunge, *Beitr. Fl. Russl.*: 299 (1852)—U.S.S.R. (Middle Asia).†

HALIMODENDRON (Legumin.).

halodendron (Pall.) A. Voss in *Vilmorin's Blumengärtnererei*, 1: (35) of Index (1896): *Robinia halodendron*.
triflorum (L'Hérit.) Sweet, *Hort. Brit.*, ed. 2: 144 (1830); cf. D.J. Mabberley in *Taxon*, 31(1): 71 (1982): Basionym not stated.

HALOGETON (Chenopodiac.).

acutifolius A. Bunge, *Beitr. Fl. Russl.*: 301 (1852)—U.S.S.R. (Middle Asia).†
kashmirianus C. Grey-Wilson & B.M. Wadhwa in *Kew Bull.*, 42(2): 473 (1987)—India, Xizang.
malacophyllus A. Bunge, *Beitr. Fl. Russl.*: 302 (1852)—Locality not stated.†

HALOPHILA (Hydrocharitac.).

ovalis
subsp. ramamurthiana K. Ravikumar & R. Ganesan in *Aquatic Bot.*, 36(4): 351 (1990)—India.

HALORAGIS (Haloragac.).

acutangula
f. stellata A.E. Orchard in *Nuytsia*, 5(3): 335 (1986)—Australia (W. Australia, S. Australia).
prostrata
subsp. coquana A.E. Orchard in *Nuytsia*, 5(3): 335 (1986)—Cook Is.
subsp. tuvaluensis A.E. Orchard in *Nuytsia*, 5(3): 336 (1986)—Vanuatu.

HALOXYLON Bunge ex E. Fenzl in Ledeb., Fl.

Ross., 3: 819 (1851). **CHENOPODIACEAE.** †
ammოდendron (C.A. Meyer) Bunge ex E. Fenzl in *Ledeb., Fl. Ross.*, 3: 820 (1851): *Anabasis ammოდendron*.†
articulatum A. Bunge, *Beitr. Fl. Russl.*: 293 (1852)—Locality not stated.†

HAMAMELIS (Hamamelidac.).

japonica
f. auriflora N. Satomi in *J. Phytogeogr. Taxon.*, 36(2): 64 (1988)—Japan.
mollis
var. oblongifolia M.B. Deng & G. Yao in *Bull. Nanjing Bot. Gard. Mem. Sun Yat Sen*, 1984-1985: 125 (1986)—China.

HANABUSAYA (Campanulac.).

asiatica
f. alba T.B. Lee in *J. Korean Pl. Taxon.*, 6(1-2): 17 (1975)—Korea.

HANSTEINIA (Acanthac.).

blepharorrhachis (Lindau) L.H. Durkee in *Fieldiana, Bot.*, n.s., 18: 43 (1986): *Kolobochilus blepharorrhachis*.
sessilifolia (Oerst.) L.H. Durkee in *Fieldiana, Bot.*, n.s., 18: 44 (1986): *Glockeria sessilifolia*.

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acanthoglossus (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet. Harvard Univ.*, 30(3): (51) 185 (1985 publ. 1986): *Bulbophyllum acanthoglossum*.
algidus (Ridl.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet. Harvard Univ.*, 30(3): (51) 185 (1985 publ. 1986): *Bulbophyllum algidum*.
alkmaarensis (J.J. Sm.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet. Harvard Univ.*, 30(3): (52) 186 (1985 publ. 1986): *Bulbophyllum alkmaarensis*.
alticola (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet. Harvard Univ.*, 30(3): (52) 186 (1985 publ. 1986): *Bulbophyllum alticola*.

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- arfakensis (F.J. Sm.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (52) 186 (1985 publ. 1986): Bulbophyllum arfakense.
- aristilabris (F.J. Sm.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (52) 186 (1985 publ. 1986): Bulbophyllum aristilabre.
- aureoapex (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (52) 186 (1985 publ. 1986): Bulbophyllum aureoapex.
- brevis (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (52) 186 (1985 publ. 1986): Bulbophyllum breve.
- callipes (F.J. Sm.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (52) 186 (1985 publ. 1986): Bulbophyllum callipes.
- caudatipetalum (F.J. Sm.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (52) 186 (1985 publ. 1986): Bulbophyllum caudatipetalum.
- chrysochilus (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (52) 186 (1985 publ. 1986): Bulbophyllum chrysochilum.
- chrysoglossus (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (52) 186 (1985 publ. 1986): Bulbophyllum chrysoglossum.
- collinus (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (52) 186 (1985 publ. 1986): Bulbophyllum collinum.
- coloratus (F.J. Sm.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (53) 187 (1985 publ. 1986): Bulbophyllum coloratum.
- conconvivasalis (van Royen) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (53) 187 (1985 publ. 1986): Bulbophyllum conconvivasalis.
- concolor (F.J. Sm.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (53) 187 (1985 publ. 1986): Bulbophyllum concolor.
- cruciatum (F.J. Sm.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (53) 187 (1985 publ. 1986): Bulbophyllum cruciatum.
- cucullatus (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (53) 187 (1985 publ. 1986): Bulbophyllum cucullatum.
- cuniculiformis (F.J. Sm.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (53) 187 (1985 publ. 1986): Bulbophyllum cuniculiforme.
- decurvulus (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (53) 187 (1985 publ. 1986): Bulbophyllum decurvulus.
- dolichoglottis (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (53) 187 (1985 publ. 1986): Bulbophyllum dolichoglottis.
- fasciatus (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (53) 187 (1985 publ. 1986): Bulbophyllum fasciatum.
- fibrinus (F.J. Sm.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (53) 187 (1985 publ. 1986): Bulbophyllum fibrinum.
- formosus (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (54) 188 (1985 publ. 1986): Bulbophyllum formosum.
- frustrans (F.J. Sm.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (54) 188 (1985 publ. 1986): Bulbophyllum frustrans.
- geniculifer (F.J. Sm.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (54) 188 (1985 publ. 1986): Bulbophyllum geniculiferum.
- gobiensis (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (54) 188 (1985 publ. 1986): Bulbophyllum gobiense.
- holochilus (F.J. Sm.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (54) 188 (1985 publ. 1986): Bulbophyllum holochilum.
- humilis (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (54) 188 (1985 publ. 1986): Bulbophyllum humile.
- inclinatus (F.J. Sm.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (54) 188 (1985 publ. 1986): Bulbophyllum inclinatum.
- jadunae (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (54) 188 (1985 publ. 1986): Bulbophyllum jadunae.
- jensenii (F.J. Sm.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (54) 188 (1985 publ. 1986): Bulbophyllum jensenii.

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- kelelensis (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (54) 188 (1985 publ. 1986): Bulbophyllum kelelense.
- kermesinus (Ridl.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (54) 188 (1985 publ. 1986): Bulbophyllum kermesinum.
- leontoglossus (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (55) 189 (1985 publ. 1986): Bulbophyllum leontoglossum.
- leucorhodus (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (55) 189 (1985 publ. 1986): Bulbophyllum leucorhodus.
- longilabris (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (55) 189 (1985 publ. 1986): Bulbophyllum longilabre.
- melinoglossus (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (55) 189 (1985 publ. 1986): Bulbophyllum melinoglossum.
- microrhombos (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (55) 189 (1985 publ. 1986): Bulbophyllum microrhombos.
- monosema (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (55) 189 (1985 publ. 1986): Bulbophyllum monosema.
- mutatus (F.J. Sm.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (55) 189 (1985 publ. 1986): Bulbophyllum mutatum.
- mystrochilus (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (55) 189 (1985 publ. 1986): Bulbophyllum mystrochilum.
- novae-hiberniae (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (55) 189 (1985 publ. 1986): Bulbophyllum novae-hiberniae.
- olorinus (F.J. Sm.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (55) 189 (1985 publ. 1986): Bulbophyllum olorinus.
- oxyanthus (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (56) 190 (1985 publ. 1986): Bulbophyllum oxyanthum.
- pemae (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (56) 190 (1985 publ. 1986): Bulbophyllum pemae.
- quadricaudatus (F.J. Sm.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (56) 190 (1985 publ. 1986): Bulbophyllum quadricaudatum.
- rectilabris (F.J. Sm.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (56) 190 (1985 publ. 1986): Bulbophyllum rectilabre.
- reflexus (L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (56) 190 (1985 publ. 1986), nom. nov.: Bulbophyllum rhynchoglossum *Schltr.* 1912 not 1910.
- scaphosepalum (Ridl.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (56) 190 (1985 publ. 1986): Bulbophyllum scaphosepalum.
- schizopetalum (L.O. Wms.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (56) 190 (1985 publ. 1986): Bulbophyllum schizopetalum.
- scitulus (Ridl.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (56) 190 (1985 publ. 1986): Bulbophyllum scitulum.
- scyphochilus (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (56) 190 (1985 publ. 1986): Bulbophyllum scyphochilum.
- speciosus (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (56) 190 (1985 publ. 1986): Bulbophyllum speciosum.
- stabilis (F.J. Sm.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (57) 191 (1985 publ. 1986): Bulbophyllum stabile.
- stellula (Ridl.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (57) 191 (1985 publ. 1986): Bulbophyllum stellula.
- stenophyton L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (57) 191 (1985 publ. 1986), nom. nov.: Bulbophyllum stenophyllum *Schltr.*
- stictanthus (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (57) 191 (1985 publ. 1986): Bulbophyllum stictanthum.
- striatus L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (57) 191 (1985 publ. 1986), nom. nov.: Bulbophyllum pulchrum *Schltr.*
- torricellensis (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (57) 191 (1985 publ. 1986): Bulbophyllum torricellense.

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- trachyglossus (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (57) 191 (1985 publ. 1986): Bulbophyllum trachyglossum.
- trigonocarpus (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (57) 191 (1985 publ. 1986): Bulbophyllum trigonocarpum.
- warianus (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (57) 191 (1985 publ. 1986): Bulbophyllum warianum.
- xanthoacron (F.J. Sm.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (57) 191 (1985 publ. 1986): Bulbophyllum xanthoacron.
- xanthophaeus (Schltr.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet Harvard Univ.*, 30(3): (58) 192 (1985 publ. 1986): Bulbophyllum xanthophaeum.

HAPLOCHOREMA (Zingiberac.).

- magnum R.M. Smith in *Notes Roy. Bot. Gard. Edinburgh*, 44(2): 214 (1987)—Borneo (Sarawak).
- pauciflorum R.M. Smith in *Notes Roy. Bot. Gard. Edinburgh*, 44(2): 213 (1987)—Borneo (Sarawak).
- var. *bullatum* R.M. Smith in *Notes Roy. Bot. Gard. Edinburgh*, 44(2): 213 (1987)—Borneo (Sarawak).

HAPLOPAPPUS (Compos.).

- armerioides
- var. *gramineus* S.L. Welsh & F.J. Smith in *Great Basin Nat.*, 43(2): 371 (1983)—U.S.A. (Utah).
- compactus (Hall) L.C. Anderson in *Great Basin Nat.*, 43(2): 358 (1983): *H. bloomeri* subsp. *compactus*.
- crispus L.C. Anderson in *Great Basin Nat.*, 43(2): 359 (1983)—U.S.A. (Utah).
- racemosus
- var. *prionophyllum* (Greene) S.L. Welsh in *Great Basin Nat.*, 43(2): 294 (1983): *Pyrracomia prionophylla*.
- var. *sessiliflorus* (Greene) S.L. Welsh in *Great Basin Nat.*, 43(2): 294 (1983): *Pyrracomia sessiliflora*.
- thinicola J. Rzedowski & E. Ezcurra in *Cienc. Interamer.*, 26(1–2): 16 (1986)—Mexico.
- watsonii
- var. *rydbergii* (Blake) S.L. Welsh in *Great Basin Nat.*, 43(2): 295 (1983): *H. rydbergii*.
- zionis L.C. Anderson in *Great Basin Nat.*, 43(2): 360 (1983)—U.S.A. (Utah).

HAPLOPHYLLUM (Rutac.).

- sect. *Indehiscentes* (Engl.) C.C. Townsend in *Hooker's Icon. Pl.*, 40(1–3): 12 (1986): *Ruta* sect. *Indehiscentes*.
- linifolium
- subsp. *africanum* C.C. Townsend in *Hooker's Icon. Pl.*, 40(1–3): t. 3961, p. 3 (1986), nom. nov.: *H. linifolium* var. *sexovulatum* Litardière & Maire.
- sanguineum M. Thulin in *Kew Bull.*, 44(1): 143 (1989)—Somali Republic.

HAPTANTHUS A. Goldberg & C. Nelson S. in *Syst. Bot.*, 14(1): 16 (1989). UNKNOWN.

- hazlettii A. Goldberg & C. Nelson S. in *Syst. Bot.*, 14(1): 16 (1989)—Honduras.

HARFORDIA (Polygonac.).

- macroptera
- var. *fruticosa* (E. Greene) J.L. Reveal in *Phytologia*, 66(3): 225 (1989): *Pterostegia fruticosa*.
- var. *galioides* (E. Greene) J.L. Reveal in *Phytologia*, 66(3): 224 (1989): *Pterostegia galioides*.

HARRISIA (Cactac.).

- hahniana (Back.) M. Kimmach & P.C. Hutchison in *Cact. Succ. J. (U.S.A.)*, 59(2): 59 (1987): *Mediocactus hahnianus*.
- tetracantha (Labouret) D. Hunt in *Bradleya*, 5: 92 (1987): *Cereus tetracanthus*.

HARTIGHSEA A. Jussieu in *Mirb. & Cass. apud Guill. in Bull. Sci. Nat. Geol.*, 23: 237 (1830); cf. D.J. Mabberley in *Taxon*, 31(1): 66 (1982). MELIACEAE.

HARVEYA (Scrophulariac.).

- coccinea F.N. Hepper in *Kew Bull.*, 44(1): 163 (1989), illegit. later homonym of (Harv.) Schlechter (1899)—Tanzania.

HARVEYA :-

- coccinea (Harv.) R. Schlechter in *Engl. Bot. Jahrb.*, 27: 184 (1899): Aulaya coccinea.
 kenyensis F.N. Hepper in *Kew Bull.*, 44(1): 163 (1989)—Kenya.
 leucopharynx O.M. Hilliard & B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 379 (1986)—South Africa (Natal, Cape Province).
 pulchra O.M. Hilliard & B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 381 (1986)—South Africa (Natal, Cape Province), Lesotho.
 silvatica O.M. Hilliard & B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 382 (1986)—South Africa (Natal, Transvaal), Swaziland.
 tanzanica F.N. Hepper in *Kew Bull.*, 45(2): 374 (1990), nom. nov.: H. coccinea Hepper.

HASTINGSIA (Hyacinthac.).

- atropurpurea R.W. Becking in *Madroño*, 33(3): 175 (1986)—U.S.A. (Oregon).
 serpenticola R.W. Becking in *Madroño*, 36(3): 208 (1989)—U.S.A. (Oregon).

HATORIA (Cactac.).

- subgen. Rhipsalidopsis (Britton & Rose) W. Barthlott in *Bradleya*, 5: 100 (1987): gen. Rhipsalidopsis.
 gaertneri (Regel) W. Barthlott in *Bradleya*, 5: 100 (1987): Epiphyllum russellianum var. gaertneri.
 ×graeseri (Werdermann) W. Barthlott in *Bradleya*, 5: 100 (1987): Rhipsalidopsis graeseri.
 herminiae (Campos-Porto & Castellanos) Bacheb. ex W. Barthlott in *Bradleya*, 5: 100 (1987): Hariota herminiae.
 rosea (Lagerheim) W. Barthlott in *Bradleya*, 5: 100 (1987): Rhipsalis rosea.

HAWORTHIA (Alocac.).

- ser. Attenuatae (Pilbeam) Rowley, *Haworthia Drawings* J.T. Bates: 14 (1985); cf. *Repert. Pl. Succ. (I.O.S.)*, 36: 5 (1985 publ. 1986): H. subsect. Attenuatae.
 ser. Fusiformes (Bark.) Rowley, *Haworthia Drawings* J.T. Bates: 14 (1985); cf. *Repert. Pl. Succ. (I.O.S.)*, 36: 5 (1985 publ. 1986): H. sect. Fusiformes.
 ser. Limpidae (A. Berger) Rowley, *Haworthia Drawings* J.T. Bates: 13 (1985); cf. *Repert. Pl. Succ. (I.O.S.)*, 36: 5 (1985 publ. 1986): H. sect. Limpidae.
 ser. Obtusatae (A. Berger) Rowley, *Haworthia Drawings* J.T. Bates: 14 (1985); cf. *Repert. Pl. Succ. (I.O.S.)*, 36: 5 (1985 publ. 1986): H. sect. Obtusatae.
 ser. Proliferae (Pilbeam) Rowley, *Haworthia Drawings* J.T. Bates: 14 (1985); cf. *Repert. Pl. Succ. (I.O.S.)*, 36: 5 (1985 publ. 1986): H. subsect. Proliferae.
 ser. Scabrae (A. Berger) Rowley, *Haworthia Drawings* J.T. Bates: 14 (1985); cf. *Repert. Pl. Succ. (I.O.S.)*, 36: 5 (1985 publ. 1986): H. sect. Scabrae.
 ser. Turgidae (Pilbeam) Rowley, *Haworthia Drawings* J.T. Bates: 14 (1985); cf. *Repert. Pl. Succ. (I.O.S.)*, 36: 5 (1985 publ. 1986): H. subsect. Turgidae.
 fasciata
 var. browniana (v. Pöhl.) C.L. Scott, *Genus Haworthia*: 21 (1985); cf. *Repert. Pl. Succ. (I.O.S.)*, 36: 5 (1985 publ. 1986): H. browniana.
 multilineata (G.G. Smith) C.L. Scott, *Genus Haworthia*: 134 (1985); cf. *Repert. Pl. Succ. (I.O.S.)*, 36: 5 (1985 publ. 1986): H. retusa var. multilineata.

HEBE (Scrophulariac.).

- sect. Glaucae M.J. Heads in *Bot. Soc. Otago Newsl.*, 5: 11 (1987).
 ser. Oclusae M.J. Heads in *Bot. Soc. Otago Newsl.*, 5: 11 (1987).
 sect. Subdistichae M.J. Heads in *Bot. Soc. Otago Newsl.*, 5: 11 (1987).
 crawii M.J. Heads in *Bot. Soc. Otago Newsl.*, 5: 11 (1987)—New Zealand.

HECHTIA (Bromeliac.).

- carlsoniae K. Burt-Utley & J.F. Utley in *Syst. Bot.*, 13(2): 276 (1988)—Mexico.
 fragilis K. Burt-Utley & J.F. Utley in *Brittonia*, 39(1): 40 (1987)—Mexico.
 lyman-smithii K. Burt-Utley & J.F. Utley in *Brittonia*, 39(1): 37 (1987)—Mexico.
 pumila K. Burt-Utley & J.F. Utley in *Syst. Bot.*, 13(2): 279 (1988)—Mexico.

HECKELDORA (Meliac.).

- mangenotiana L. Aké Assi & J.G. Lorougnon in *Bull. Soc. Bot. France, Lett. Bot.*, 136(2): 167 (1989)—Ivory Coast.

HEDBERGIA U. Molau in *Nordic J. Bot.*, 8(2): 194 (1988). **SCROPHULARIACEAE.**

- abyssinica (Benth.) U. Molau in *Nordic J. Bot.*, 8(2): 195 (1988): Bartsia abyssinica.

HEDEOMA (Labiata.).

- hyssopifolium
 var. chihuahucensis J. Henrickson in *Sida*, 11(4): 413 (1986)—Mexico.

HEDERA (Araliac.).

- helix
 subsp. hibernica (Kirchner) D. McClintock, *Suppl. Wild Flow. Guernsey*: 23 (1987): H. helix var. hibernica.

HEDINIA (Crucif.).

- ser. Hedinopsis (Botsch. & Petrovsky) B.A. Yurtsev, A.A. Korobkov & S.A. Balandin in *Bot. Zhurn.*, 72(8): 1035 (1987): gen. Hedinopsis.
 czukotica (Botsch. & Petrovsky) B.A. Yurtsev, A.A. Korobkov & S.A. Balandin in *Bot. Zhurn.*, 72(8): 1035 (1987): Hedinopsis czukotica.

HEDINIOPSIS V.P. Bochantsev & V.V. Petrovskii in *Bot. Zhurn.*, 71(11): 1548 (1986). **CRUCIFERAE.**

- czukotica V.P. Bochantsev & V.V. Petrovskii in *Bot. Zhurn.*, 71(11): 1549 (1986)—U.S.S.R. (Soviet Far East).

HEDYCHIUM (Zingiberac.).

- convexum S.Q. Tong in *Acta Bot. Yunnanica*, 8(1): 41 (1986)—China.
 glabrum S.Q. Tong in *Acta Phytotax. Sin.*, 27(4): 288 (1989)—China.
 pauciflorum S.Q. Tong in *Acta Bot. Yunnanica*, 8(1): 43 (1986)—China.
 pynursulaeanum S.K. Jain & S.C. Srivastava in *J. Ind. Bot. Soc.*, 65(4): 535 (1986)—India.
 yungjiangense S.Q. Tong in *Acta Bot. Yunnanica*, 8(1): 40 (1986)—China.

HEDYOSMUM (Chloranthac.).

- sect. Artocarpoides (Solms-Laubach) C.A. Todzia in *Fl. Neotrop.*, 48: 104 (1988): H. subgen. Artocarpoides.
 sect. Orientale C.A. Todzia in *Fl. Neotrop.*, 48: 47 (1988).
 anisodorum C.A. Todzia in *Syst. Bot.*, 13(1): 24 (1988)—Ecuador, Peru.
 domingense
 var. cubense (Urban) C.A. Todzia & C.E. Wood in *J. Arnold Arbor.*, 69(1): 59 (1988): H. cubense.
 goudotianum
 var. mombachanum C.A. Todzia in *Ann. Missouri Bot. Gard.*, 74(2): 458 (1987)—Nicaragua.
 luteynii C.A. Todzia in *Syst. Bot.*, 13(1): 28 (1988)—Ecuador, Colombia.
 neblinae C.A. Todzia in *Fl. Neotrop.*, 48: 61 (1988)—Venezuela, Brazil.
 peruvianum C.A. Todzia in *Fl. Neotrop.*, 48: 121 (1988)—Peru.
 pungens C.A. Todzia in *Fl. Neotrop.*, 48: 93 (1988)—Colombia.
 purpurascens C.A. Todzia in *Fl. Neotrop.*, 48: 123 (1988)—Ecuador.
 spectabile C.A. Todzia in *Syst. Bot.*, 13(1): 21 (1988)—Peru, Ecuador.
 steinii C.A. Todzia in *Syst. Bot.*, 13(1): 26 (1988)—Colombia.
 strigosum C.A. Todzia in *Fl. Neotrop.*, 48: 86 (1988)—Colombia, Venezuela.

HEDYOTIS (Rubiace.).

- sect. Gouldia (A. Gray) W.L. Wagner & D.R. Herbst in *Bishop Mus. Occas. Pap.*, 29: 111 (1989): gen. Gouldia.
 sect. Phyllozygia W.L. Wagner & D.R. Herbst in *Bishop Mus. Occas. Pap.*, 29: 113 (1989).
 argillacea D.A. Halford in *Austrobaileya*, 3(2): 203 (1990)—Australia (N. Terr., W. Australia, Queensland).

HEDYOTIS :-

- brachypoda (DC.) V.V. Sivarajan & S.D. Biju in *Taxon*, 39(4): 672 (1990): Oldenlandia brachypoda.
 butterwickiae (Terrell) G.L. Nesom in *Syst. Bot.*, 13(3): 434 (1988): Houstonia butterwickiae.
 clausa (Blatt.) H.B. Naithani, *Flow. Pl. India, Nepal & Bhutan*: 200 (1990): Oldenlandia clausa.
 corymbosa
 var. linearis (DC.) D.B. Deb & R. Dutta in *J. Bombay Nat. Hist. Soc.*, 83(3): 692 (1986 publ. 1987): Oldenlandia linearis.
 var. nana (Brem.) H.B. Naithani, *Flow. Pl. India, Nepal & Bhutan*: 523 (1990): Oldenlandia linearis var. nana.
 delicata D.A. Halford in *Austrobaileya*, 3(2): 211 (1990)—Australia (W. Australia).
 devicolamensis D.B. Deb & R. Dutta in *J. Bombay Nat. Hist. Soc.*, 82(3): 619 (1985 publ. 1986)—India.
 fosbergii W.L. Wagner & D.R. Herbst in *Bishop Mus. Occas. Pap.*, 29: 111 (1989), nom. nov.: Gouldia st.-johnii Fosb.
 galeottii (Martens) E.E. Terrell & D.H. Lorence in *Phytologia*, 66(1): 1 (1989): Declieuxia galeottii.
 hillebrandii (Fosb.) W.L. Wagner & D.R. Herbst in *Bishop Mus. Occas. Pap.*, 29: 112 (1989): Gouldia hillebrandii.
 kingii (Terrell) G.L. Nesom in *Syst. Bot.*, 13(3): 434 (1988): Houstonia kingii.
 laceyi D.A. Halford in *Austrobaileya*, 3(2): 208 (1990)—Australia (Queensland, W. Australia, N. Terr.).
 largiflorens D.A. Halford in *Austrobaileya*, 3(2): 204 (1990)—Australia (N. Terr., W. Australia).
 leptocaulis D.A. Halford in *Austrobaileya*, 3(2): 206 (1990)—Australia (N. Terr.).
 lindleyana
 f. glabralycina (Honda) S.S. Ying in *Quart. J. Chinese Forest.*, 20(4): 127 (1987): Oldenlandia hirsuta var. glabralycina.
 nagporensis (Brace ex Haines) K.K. Sharma & S. Sharma in *J. Econ. Taxon. Bot., Addit. Ser.* 5: 56 (1989), isonym; see Rolla Rao & Hemadri in *Indian Forester*, 99(6): 377 (June 1973); et in *Proc. Indian Sci. Congr.*, 60(3): 338 (1973): Oldenlandia nagporensis.
 nigricans
 var. floridana (Standley) R.P. Wunderlin in *Sida*, 11(4): 400 (1986): Houstonia floridana.
 sharpii (Terrell) G.L. Nesom in *Syst. Bot.*, 13(3): 434 (1988): Houstonia sharpii.
 spellenbergii G.L. Nesom & L.A. Vorobik in *Syst. Bot.*, 13(3): 432 (1988)—Mexico.
 taiwanensis S.F. Huang & J. Murata in *Taiwania*, 32: 214 (1987), as 'taiwanense'—Taiwan.
 teretifolia (Terrell) G.L. Nesom in *Syst. Bot.*, 13(3): 434 (1988): Houstonia teretifolia.
 terminalis (Hook. & Arnott) W.L. Wagner & D.R. Herbst in *Bishop Mus. Occas. Pap.*, 29: 112 (1989): Petesia? terminalis.
 thysanota D.A. Halford in *Austrobaileya*, 3(2): 209 (1990)—Australia (N. Terr.).
 tryblum D.R. Herbst & W.L. Wagner in *Bishop Mus. Occas. Pap.*, 29: 113 (1989)—Hawaiian Is.

HEDYPNOIS (Compos.).

- minutissima A. Bunge, *Beitr. Fl. Russl.*: 196 (1852)—U.S.S.R. (Middle Asia).†

HEDYSARUM (Legumin.).

- alashanicum Y.Z. Zhao in *Acta Sci. Nat. Univ. Intramongolicae*, 17(2): 347 (1986)—China.
 alpinum
 subsp. boreoeuropaeum B.A. Yurtsev in *Arktich. Fl. SSSR*, 9(2): 182 (1986), as 'boreo-europaeum'—U.S.S.R. (European Russia).
 americanum
 subsp. philoscium (A. Nels.) B.A. Yurtsev in *Arktich. Fl. SSSR*, 9(2): 153 (1986): H. philoscium.
 argyreum W. Greuter & Burdet in *Willdenowia*, 16(1): 109 (1986), nom. nov.: H. argentatum Maire.
 austrokurilense (N.S. Pavlova) N.S. Pavlova in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 4: 289 (1989): H. sacchalinense subsp. austrokurilense.
 caudatum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 675 (1784)—Japan.†

HEDYSARUM:—

- chalthorum *N. Ulzikhutag in L.G. Byazrov et al., Fl. Khangaya*: 126 (1989), nom. nov.: *H. collinum* *Sanecz.*
confertum (*N.S. Pavlova*) *N.S. Pavlova in Sosud. Rast. Sovet. Dal'nego Vostoka*, 4: 288 (1989): *H. sachalinense* subsp. confertum.
dentatoalatum *K.T. Fu in Fl. Tsinlingensis*, 1(3): 448, 73 (1981), as 'dentato-alatum'—China.
dshambulicum *N.V. Pavlov in Vestn. Akad. Nauk Kaz. SSR*, 1949(1): 33 (1949)—U.S.S.R. (Middle Asia).
falconeri
var. *cachemirianum* (*Benth. ex Baker*) *A. Pramanik & K. Thothathri in J. Jap. Bot.*, 64(3): 76 (1989): *H. cachemirianum*.
hedysaroides
subsp. *austrosibiricum* (*B. Fedtsch.*) *B.A. Yurtsev in Arkhiv. Fl. SSSR*, 9(2): 157 (1986): *H. austrosibiricum*.
subsp. *tschuktorschorum* *B.A. Yurtsev in Arkhiv. Fl. SSSR*, 9(2): 182, 159 (1986)—U.S.S.R. (Soviet Far East, Siberia), Alaska.
incanum *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14*: 677 (1784)—Japan.†
laeve
f. *albiflorum* (*H.C. Fu & Z.Y. Chu*) *H.C. Fu & Z.Y. Chu in Fl. Intramongolica*, Ser. 2, 3: 339 (1989): *H. fruticosum* f. *albiflorum*.
latibracteatum *N.S. Pavlova in Bot. Zhurn.*, 74(6): 908 (1989)—U.S.S.R. (Soviet Far East).
lehmannianum *A. Bunge, Beitr. Fl. Russl.*: 102 (1852)—U.S.S.R. (Middle Asia).†
microphyllum *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14*: 675 (1784)—Japan.†
mongolicum
var. *laeve* (*Maxim.*) *S.Y. He in Fl. Hebeiensis*, 1: 753 (1986), without basionym ref.: *H. laeve*.
pallidiflorum *N.V. Pavlov in Vestn. Akad. Nauk Kaz. SSR*, 1949(1): 34 (1949)—U.S.S.R. (Middle Asia).
pilosum *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14*: 675 (1784)—Japan.†
polybotrys
var. *alaschanicum* (*B. Fedtsch.*) *H.C. Fu & Z.Y. Chu in Fl. Intramongolica*, Ser. 2, 3: 341 (1989): *H. semenovii* var. *alaschanicum*.
var. *robustum* *K.T. Fu in Fl. Tsinlingensis*, 1(3): 447, 72 (1981)—China.
przewalskii *G.P. Yakovlev in Rast. Tsentral. Azii*, 8a: 61 (1988)—China.
racemosum *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14*: 675 (1784)—Japan.†
sericeum *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14*: 675 (1784)—Japan.†
silicii *R. Lakušić in Glasn. Zem. Muzej. Bosne Hercegov. Priv. Nauke*, 21: 65 (1982)—Yugoslavia.
speciosum (*Hand.-Mazz.*) *G.P. Yakovlev in Rast. Tsentral. Azii*, 8a: 63 (1988): *H. tuberosum* var. *speciosum*.
striatum *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14*: 675 (1784)—Japan.†
taipeicum (*Hand.-Mazz.*) *K.T. Fu in Fl. Tsinlingensis*, 1(3): 72 (1981): *H. esculentum* var. *taipeicum*.
taoriparium *B.H. Choi & H. Ohashi in Notes Roy. Bot. Gard. Edinburgh*, 45(1): 107 (1988)—China.
tomentosum *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14*: 675 (1784)—Japan.†
vicioides
var. *chinense* *B.H. Choi & H. Ohashi in J. Jap. Bot.*, 63(2): 62 (1988)—China.
subsp. *japonicum* (*Fedtsch.*) *B.H. Choi & H. Ohashi in J. Jap. Bot.*, 63(2): 60 (1988): *H. alpinum* var. *japonicum*.
var. *japonicum* (*Fedtsch.*) *B.H. Choi & H. Ohashi in J. Jap. Bot.*, 63(2): 60 (1988): *H. alpinum* var. *japonicum*.
f. *japonicum* (*Fedtsch.*) *B.H. Choi & H. Ohashi in J. Jap. Bot.*, 63(2): 60 (1988): *H. alpinum* var. *japonicum*.
virgatum *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14*: 675 (1784)—Japan.†

HEINEKENIA (Legumin.).

- eremitica* (*Santos*) *G. Kunkel, Kanarischen Ins. und ihre Pflanzenwelt*: 153 (1987): *Lotus eremiticus*.

HEINSENIA (Rubiac.).

- diervilleoides
subsp. *mufindiensis* (*Verdc.*) *B. Verdcourt in Fl. Trop. E. Afr., Rubiac. (Part 2)*: 732 (1988): *Aulacocalyx diervilleoides* subsp. *mufindiensis*.

- HELADENA A.H.L. de Jussieu, Malpigh. Syn.: 46 (May 1840), preprint from Ann. Sci. Nat., Bot., ser. 2, 13 (August 1840). MALPIGHACEAE. †

HELDREICHIA (Crucif.).

- atalayi* *Kit Tan in Pl. Syst. Evol.*, 154(1–2): 113 (1986)—Turkey.

HELENIUM (Compos.).

- sect. *Actinea* (*Fuss.*) *M.W. Bierner in Sida*, 12(2): 259 (1987): gen. *Actinea*.
donianum
var. *linearifolium* (*O. Kuntze*) *M.W. Bierner in Sida*, 12(2): 268 (1987): *Actinea heterophylla* var. *linearifolia*.
radiatum (*Less.*) *M.W. Bierner in Sida*, 12(2): 261 (1987): *Cephalophora radiata*.
varium *Schrad., Ind. Sem. Hort. Acad. Gott.*, 1830: 3 (1830); cf. *D.J. Mabberley in Taxon*, 32(1): 85 (1983)—Locality not stated.

HELIANTHELLA (Compos.).

- durangensis* *B.L. Turner in Phytologia*, 65(6): 493 (1989)—Mexico.

HELIANTHEMUM (Cistac.).

- almeriense
var. *scopulorum* (*Rouy*) *O. de Bolòs & J. Vigo, Fl. Països Catalans*, 2: 201 (1990): *H. lineare* var. *scopulorum*.
canum (*L. Hornem.*, *Hort. Hafn.*: 496 (1815); cf. *D.J. Mabberley in Taxon*, 33(3): 437 (1984): *Basionym* not stated.
× *carmen-joanae* *J. Mansanet & I. Mateu in Mediterranea*, 8: 85 (1985)—Spain. (*H. lavandulifolium* × *pilosum* var. *racemosum*).
× *conchitae* *O. Socorro & P. Aroza in Stud. Bot. (Salamanca)*, 6: 125 (1987)—Spain. (*H. apenninum* × *piliferum*).
juliae *W. Wildpret de la Torre in Vieraea*, 16(1–2): 361 (1986)—Canary Is.
leptophyllum
subsp. *alypoides* (*Losa España & Rivas Goday*) *C. Raynaud in Soc. Ech. Pl. Vasc. Eur. Bassin Médit. Bull.*, 22: 18 (1986–87 publ. 1988): *H. alypoides*.
pilosum
var. *pseudoasperum* *J. Molero & A.M. Rovira in Collect. Bot.*, 17(1): 103 (1987 publ. 1988)—Spain.
polygonoides *M. Peinado, J.M. Martínez-Parras, F. Alcaraz & I. Espuelas in Candollea*, 42(1): 361 (1987)—Spain.
pourretii *M.E. Timbal-Lagrange in Bull. Soc. Sci. Phys. Natur. Toulouse*, 2: 65 (1875)—France.
raynaudii *A. Ortega Olivencia, A.T. Romero García & C. Morales Torres in Candollea*, 44(1): 233 (1989)—Spain.
rosmarinifolium *Hort. Erlang. ex Mart., Hort. Acad. Erlangen*: 114 (1814); cf. *D.J. Mabberley in Taxon*, 33(3): 442 (1984)—Locality not stated.
urriellense (*Lainz*) *H.S. Nava Fernández & M.A. Fernández-Casado in An. Jard. Bot. Madrid*, 43(1): 28 (1986): *H. nummularium* subsp. *urriellense*.

HELIANTHUS (Compos.).

- agrestis
f. *almae* *E.R. Wolde in Phytologia*, 63(4): 310 (1987)—U.S.A. (Florida).
f. *oswaldii* *E.R. Wolde in Phytologia*, 63(4): 310 (1987)—U.S.A. (Florida).
grandiflorus *Wender., Ind. Sem. Hort. Acad. Marb.*, 1835; *Linnaea* 11, *Lit.*: 92 (1837); cf. *D.J. Mabberley in Taxon*, 32(1): 85 (1983)—Locality not stated.
parviflorus *Hornem., Hort. Hafn.*: 842 (1815); cf. *D.J. Mabberley in Taxon*, 33(3): 437 (1984)—Locality not stated.
pauciflorus
subsp. *subrhomboides* (*Rydb.*) *O. Spring & E.E. Schilling in Biochem. Syst. Ecol.*, 18(1): 22 (1990): *H. subrhomboides*.

HELIANTHUS:—

- subsp. *subrhomboides* (*Rydb.*) *J.T. Kartesz & K.N. Gandhi in Phytologia*, 68(6): 423 (1990): *H. subrhomboides*.

petiolaris

- var. *fallax* (*Heiser*) *B.L. Turner in Phytologia*, 69(1): 15 (1990): *H. petiolaris* subsp. *fallax*.

praecox

- var. *runyonii* (*Heiser*) *B.L. Turner in Phytologia*, 69(1): 15 (1990): *H. debilis* subsp. *runyonii*.

HELICHRYSUM (Compos.).

- albertense* *O.M. Hilliard in Fl. S. Afr.*, 33(7:2): 177 (1983)—South Africa (Cape Province).
ambiguum
subsp. *vinaceum* *L. Haegi in Fl. S. Australia*, 3: 1535 (1986)—Australia (S. Australia).
asperum
var. *albidulum* (*DC.*) *O.M. Hilliard in Fl. S. Afr.*, 33(7:2): 127 (1983): *H. ericifolium* var. *albidulum*.
var. *appressifolium* (*Moeser*) *O.M. Hilliard in Fl. S. Afr.*, 33(7:2): 128 (1983): *H. ericifolium* var. *appressifolium*.
var. *comosum* (*Sch. Bip.*) *O.M. Hilliard in Fl. S. Afr.*, 33(7:2): 128 (1983): *H. comosum*.
var. *glabrum* *O.M. Hilliard in Fl. S. Afr.*, 33(7:2): 128 (1983)—South Africa (Cape Province).
aureofolium *O.M. Hilliard in Fl. S. Afr.*, 33(7:2): 158 (1983)—South Africa (Cape Province).
bampsianium *S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 56(3–4): 352 (1986)—Zaire, Tanzania.
deserticola *O.M. Hilliard in Fl. S. Afr.*, 33(7:2): 168 (1983)—Namibia.
devredii *S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 56(3–4): 350 (1986)—Zaire.
dunense *O.M. Hilliard in Fl. S. Afr.*, 33(7:2): 143 (1983)—South Africa (Cape Province).
duvigneaudii *S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 56(3–4): 364 (1986)—Zaire.
eremaum *L. Haegi in Fl. S. Australia*, 3: 1535 (1986)—Australia (S. Australia, W. Australia, N. Terr.).
erubescens *O.M. Hilliard in Fl. S. Afr.*, 33(7:2): 174 (1983)—Namibia.
evansii *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 198 (1986), nom. nov.: *H. alticolium* var. *montanum* *Bolus*.
fourcadei *O.M. Hilliard in Fl. S. Afr.*, 33(7:2): 131 (1983)—South Africa (Cape Province).
jeffreyanum *S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 56(3–4): 356 (1986)—Zaire.
jubilatum *O.M. Hilliard in Fl. S. Afr.*, 33(7:2): 179 (1983)—South Africa (Cape Province).
kalandanum *S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 56(3–4): 353 (1986)—Zaire.
kitarianum *B. Yildiz in Notes Roy. Bot. Gard. Edinburgh*, 45(3): 445 (1988 publ. 1989)—Turkey.
lejolyanum *S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 56(3–4): 362 (1986)—Zaire.
malaisseanum *S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 56(3–4): 357 (1986)—Zaire.
mauritanum *A.J. Scott in Kew Bull.*, 42(4): 854 (1987)—Mauritius.
mixtum
var. *grandiceps* *O.M. Hilliard in Fl. S. Afr.*, 33(7:2): 253 (1983)—South Africa (Transvaal), Swaziland.
mutabile *O.M. Hilliard in Fl. S. Afr.*, 33(7:2): 302 (1983)—South Africa (Transvaal), Swaziland.
outeniquense *O.M. Hilliard in Fl. S. Afr.*, 33(7:2): 192 (1983)—South Africa (Cape Province).
polhillianum *S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 56(3–4): 360 (1986)—Zaire.
polioides *B.L. Burt in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 233 (1986)—Malawi.
proteoides (*Lam.*) *J.G. Baker, Fl. Mauritius & Seychelles*: 167 (1877), as 'proteiforme': *Gnaphalium proteoides*.
pumilio
subsp. *fleckii* (*S. Moore*) *O.M. Hilliard in Fl. S. Afr.*, 33(7:2): 166 (1983): *H. fleckii*.
pumilum
var. *spathulatum* *A.M. Buchanan in Pap. Proc. Roy. Soc. Tasmania*, 121: 54 (1987)—Tasmania.
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zairense S. Lisowski in Bull. Jard. Bot. Nation. Belg., 56(3-4): 366 (1986)—Zaire.

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var. rengetiensis (Masamune) S.S. Ying, Colour. Illustr. Pl. Taiwan, Pt. 3; Colour. Illustr. Ligneous Pl. Taiwan, 1: 403 (1987): *H. rengetiensis*.
recurva D.B. Foreman in Muelleria, 6(3-4): 193 (1986)—Australia (Queensland).
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- subgen. Heliconiopsis (Miq.) W.J. Kress in Allertonia*, 6(1): 15 (1990): gen. *Heliconiopsis*.
atropurpurea G.S. Daniels & F.G. Stiles in Brenesia, 15, Supl.: 15 (1979)—Costa Rica, Panama.
barryana W.J. Kress in Selbyana, 9(1): 165 (1986)—Panama.
bella W.J. Kress in Selbyana, 9(1): 158 (1986)—Panama.
calatheaphyllus G.S. Daniels & F.G. Stiles in Brenesia, 15, Supl.: 17 (1979)—Costa Rica.
colgantea R.R. Smith ex G.S. Daniels & F.G. Stiles in Brenesia, 15, Supl.: 18 (1979)—Costa Rica.
cristata H. de Souza Barreiros in Bol. Mus. Bot. Kuhlmann, 8(1): 6 (1985)—Panama.
cucullata W.J. Kress & L. Andersson in Selbyana, 11: 49 (1989)—Panama.
deflexa G.S. Daniels & F.G. Stiles in Brenesia, 15, Supl.: 19 (1979)—Costa Rica, Panama.
faunorum W.J. Kress & L. Andersson in Selbyana, 11: 52 (1989)—Panama.
golfodulcensis G.S. Daniels & F.G. Stiles in Brenesia, 15, Supl.: 20 (1979)—Costa Rica.
gracilis G.S. Daniels & F.G. Stiles in Brenesia, 15, Supl.: 21 (1979)—Costa Rica.
ignescens G.S. Daniels & F.G. Stiles in Brenesia, 15, Supl.: 22 (1979)—Costa Rica.
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var. austrocaledonica (Vieill.) W.J. Kress in Allertonia, 6(1): 28 (1990): *H. austrocaledonica*.
var. dennisiana W.J. Kress in Allertonia, 6(1): 24 (1990)—British Solomon Is., Santa Cruz Is. South Pacific.
var. micholitzii (Ridley) W.J. Kress in Allertonia, 6(1): 26 (1990): *H. micholitzii*.
var. rubricarpa W.J. Kress in Allertonia, 6(1): 21 (1990)—New Britain, New Guinea (Papua New Guinea).
irrasa
var. albicosta G.S. Daniels & F.G. Stiles in Brenesia, 15, Supl.: 27 (1979)—Costa Rica.
var. glabra G.S. Daniels & F.G. Stiles in Brenesia, 15, Supl.: 25 (1979)—Costa Rica.
subsp. undulata G.S. Daniels & F.G. Stiles in Brenesia, 15, Supl.: 25 (1979)—Costa Rica, Nicaragua.
var. undulata G.S. Daniels & F.G. Stiles in Brenesia, 15, Supl.: 25 (1979)—Costa Rica, Nicaragua.
kautzkiana L. Emygdio de Mello Filho & E. Santos in Bradea, 4(44): 350 (1987)—Brazil.
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var. rubra G.S. Daniels & F.G. Stiles in Brenesia, 15, Supl.: 28 (1979)—Costa Rica.
laufao W.J. Kress in Allertonia, 6(1): 33 (1990)—Samoa.
lennartiana W.J. Kress in Selbyana, 9(1): 161 (1986)—Panama.
lindsayana W.J. Kress in Selbyana, 9(1): 158 (1986)—Panama.
lophocarpa G.S. Daniels & F.G. Stiles in Brenesia, 15, Supl.: 31 (1979)—Costa Rica, Panama.
lutea W.J. Kress in Selbyana, 9(1): 163 (1986)—Panama.
mathiasiae G.S. Daniels & F.G. Stiles in Brenesia, 15, Supl.: 33 (1979), as 'mathiasii'—Costa Rica, Nicaragua.
monteverdensis G.S. Daniels & F.G. Stiles in Brenesia, 15, Supl.: 34 (1979)—Costa Rica.
var. vulcanicola (Stiles) W.J. Kress in Selbyana, 11: 53 (1989): *H. vulcanicola*.
mooreana R.R. Smith in R. McVaugh, Fl. Novogaliciana, 15: 83 (1989)—Mexico.
papua New Guinea W.J. Kress in Allertonia, 6(1): 30 (1990)—New Guinea (Papua New Guinea, W. Irian).
pogonantha
var. holerythra G.S. Daniels & F.G. Stiles in Brenesia, 15, Supl.: 39 (1979)—Costa Rica, Panama.
var. pubescens G.S. Daniels & F.G. Stiles in Brenesia, 15, Supl.: 37 (1979)—Costa Rica.
ramonensis G.S. Daniels & F.G. Stiles in Brenesia, 15, Supl.: 39 (1979)—Costa Rica.
sarapiquensis G.S. Daniels & F.G. Stiles in Brenesia, 15, Supl.: 41 (1979)—Costa Rica, Panama.
secunda
var. viridiflora G.S. Daniels & F.G. Stiles in Brenesia, 15, Supl.: 42 (1979)—Costa Rica.
solomonensis W.J. Kress in Allertonia, 6(1): 36 (1990)—British Solomon Is., Bougainville Is.
sucrei H. de Souza Barreiros in Bol. Mus. Bot. Kuhlmann, 8(1): 6 (1985)—Panama.
talamancana G.S. Daniels & F.G. Stiles in Brenesia, 15, Supl.: 42 (1979)—Costa Rica.
thomasiana W.J. Kress in Selbyana, 9(1): 156 (1986)—Panama.
trichocarpa G.S. Daniels & F.G. Stiles in Brenesia, 15, Supl.: 44 (1979)—Costa Rica.
var. caducispatha G.S. Daniels & F.G. Stiles in Brenesia, 15, Supl.: 44 (1979)—Costa Rica.
umbrophila G.S. Daniels & F.G. Stiles in Brenesia, 15, Supl.: 45 (1979)—Costa Rica.
uxpanapensis C. Gutiérrez Báez in Biotica, 12(2): 149 (1987)—Mexico.
wilsonii G.S. Daniels & F.G. Stiles in Brenesia, 15, Supl.: 46 (1979)—Costa Rica.

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- corylifolia F. Buchanan-Hamilton ex L.W. Dillwyn, Rev. Hortus Malab.*: 28 (1839), nom. illegit.: *fide D.J. Mabberley in Taxon*, 26(5-6): 531 (1977)—India.
vegae C.L. Cristóbal in Bonplandia, 6(1): 74 (1987)—Mexico.

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subsp. ausserdorferi (Ascherson & Graebner) H.J. Conert in G. Hegi, Illustr. Fl. Mitteleur., ed. 3, 1(3: Lief. 4): 250 (1987): *Avena alpina* C. ausserdorferi.
bromoides
subsp. pauneroi (Romero Zarco) M. Röser, Karyol., Syst. u. Chorol. Untersuch. Gatt. Helictotrichon W. Mittelmeer. (Diss. Bot. 145): 110 (1989): Avenula bromoides subsp. pauneroi.
cinnannatum (Tenore) M. Röser, Karyol., Syst. u. Chorol. Untersuch. Gatt. Helictotrichon W. Mittelmeer. (Diss. Bot. 145): 126 (1989): Bromus cinnannatus.

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gervaisii (Holub) M. Röser, Karyol., Syst. u. Chorol. Untersuch. Gatt. Helictotrichon W. Mittelmeer. (Diss. Bot. 145): 116 (1989): Avenula gervaisii.
subsp. arundanum (Romero Zarco) M. Röser, Karyol., Syst. u. Chorol. Untersuch. Gatt. Helictotrichon W. Mittelmeer. (Diss. Bot. 145): 121 (1989): Avenula gervaisii subsp. arundana.
hideoi
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marginatum (Lowe) M. Röser, Karyol., Syst. u. Chorol. Untersuch. Gatt. Helictotrichon W. Mittelmeer. (Diss. Bot. 145): 136 (1989): Avena marginata.
mongolicum
subsp. sajanense M.N. Lomonosova in Fl. Sibir. (Poaceae), 2: 71 (1990), contrary to Art. 37.5 ICBN (1988)—U.S.S.R. (Siberia).
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subsp. pseudoviolaecum (Kerner ex Dalla Torre) H.J. Conert in G. Hegi, Illustr. Fl. Mitteleur., ed. 3, 1(3: Lief. 4): 255 (1987): *Avena pseudoviolaeca.*
quadridentulum (Doell) S.A. Renvoize in Kew Bull., 42(4): 921 (1987): *Avena quadridentula.*
 × *talaverae (Romero Zarco) M. Röser, Karyol., Syst. u. Chorol. Untersuch. Gatt. Helictotrichon W. Mittelmeer. (Diss. Bot. 145): 135 (1989): Avenula × talaverae.*
tenuifolium M. Röser, Karyol., Syst. u. Chorol. Untersuch. Gatt. Helictotrichon W. Mittelmeer. (Diss. Bot. 145): 112 (1989), nom. nov.: Avenula murcica Holub.
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alii Y.J. Nasir in Candollea, 42(2): 553 (1987)—Pakistan.
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- HELLEBORUS** (Ranunculac.).
bocconeii
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subsp. corsicus (Briquet) P.F. Yeo in *Taxon*, 35(1): 157 (1986): *H. trifolius* subsp. corsicus.
nothosubsp. sternii (Turill) P.F. Yeo in *Taxon*, 35(1): 157 (1986): *H. × sternii*.
multifidus
subsp. bocconeii (Tenore) B. Mathew, *Hellebores*: 126 (1989): *H. bocconeii*.
subsp. hercegovinus (Martinis) B. Mathew, *Hellebores*: 125 (1989): *H. hercegovinus*.
orientalis
subsp. abchasicus (A. Braun) B. Mathew, *Hellebores*: 90 (1989): *H. abchasicus*.
subsp. guttatus (A. Braun & Sauer) B. Mathew, *Hellebores*: 90 (1989): *H. guttatus*.
- HELLENOCARUM** (Umbellif.).
multiflorum
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var. yezoensis (Hara) M. Hotta in *Acta Phytotax. Geobot.*, 37(1–3): 19 (1986): *H. yezoensis*.
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var. exaltata (Stout) M. Hotta in *Acta Phytotax. Geobot.*, 37(1–3): 19 (1986): *H. exaltata*.
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var. guandongensis Z.Y. Li in *Acta Phytotax. Sin.*, 25(3): 225 (1987)—China.
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var. sordidopuberula Z.Y. Li in *Acta Phytotax. Sin.*, 25(3): 224 (1987)—China.
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conferta B.J. Conn in *Muelleria*, 6(3–4): 259 (1986)—Australia (W. Australia).
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var. rockii (O.E. Schulz) W.T. Wang in *Acta Bot. Yunnanica*, 9(1): 1 (1987): *H. rockii*.
- HEMISTEPTA** (Compos.).
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f. alba M.H. Lee in *Korean J. Pl. Taxon.*, 13(2): 110 (1983)—Korea.
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var. nigrescens (Linder) N.C. Anthony in *Bothalia*, 15(3–4): 554 (1985): *Herschelia lugens* var. nigrescens.
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schlechteriana (H. Bol.) N.C. Anthony in *Bothalia*, 15(3–4): 554 (1985): *Disa schlechteriana*.
spatulata
subsp. tripartita (Lindl.) N.C. Anthony in *Bothalia*, 15(3–4): 554 (1985): *Disa tripartita*.
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baurii
subsp. formosa O.M. Hilliard & B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 430 (1986)—Lesotho, South Africa (Orange Free State, Natal).
curvula O.M. Hilliard & B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 416 (1986)—South Africa (Natal).
glareosa O.M. Hilliard & B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 424 (1986)—South Africa (Natal, Transvaal, Orange Free State), Lesotho.
hutchingsiae O.M. Hilliard & B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 414 (1986)—South Africa (Cape Province).
ingeliensis O.M. Hilliard & B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 424 (1986)—South Africa (Natal, Cape Province).
pseudopilosa P. Goldblatt in *S. Afr. J. Bot.*, 53(6): 461 (1987), nom. nov.: *H. pilosa* subsp. latifolia Goldbl.
pubinervia O.M. Hilliard & B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 419 (1986)—South Africa (Natal).
scopulosa O.M. Hilliard & B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 417 (1986)—South Africa (Natal).
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truncatula P. Goldblatt in *S. Afr. J. Bot.*, 53(6): 461 (1987)—South Africa (Cape Province).
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altaicus
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hispidus
var. *oldhamii* (Forbe ex Hemsl.) S.S. Ying, *Colour. Illustr. Pl. Taiwan, Pt. 4; Colour. Illustr. Herbac. Pl. Taiwan, Vol. 1*: 173 (1980); *Aster oldhamii*.
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dransfieldii E.S. Fernando in *Kew Bull.*, 45(2): 223 (1990)—Philippine Is.
intermedia (Becc.) E.S. Fernando in *Kew Bull.*, 45(2): 226 (1990); *Ptychoraphis intermedia*.
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horrida
subsp. *cinerascens* (S.F. Blake) J.C. Semple in *Brittonia*, 39(3): 381 (1987); *Chrysopsis viscida* subsp. *cinerascens*.
oregona
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var. *rudis* (Greene) J.C. Semple in *Brittonia*, 39(3): 382 (1987); *Chrysopsis rudis*.
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senkakuinsularis (Hatusima) F. Maekawa ex Y. Maekawa in *J. Jap. Bot.*, 64(2): 60 (1989); *Asarum senkakuinsulare*.
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shuttleworthii
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bouletii J.M. Veillon in *Fl. N. Caléd. & Dépend.*, 16: 55 (1990)—New Caledonia.
circumdans B.J. Conn in *Muelleria*, 7(2): 293 (1990)—Australia (New South Wales).
covenyana B.J. Conn in *Muelleria*, 7(2): 292 (1990)—Australia (New South Wales).
favieri J.M. Veillon in *Fl. N. Caléd. & Dépend.*, 16: 81 (1990)—New Caledonia.
hooglandii J.R. Wheeler in *Nuytsia*, 7(1): 69 (1989)—Australia (W. Australia).
kaputarensis B.J. Conn in *Muelleria*, 7(2): 291 (1990)—Australia (New South Wales).
margaretiae J.M. Veillon in *Fl. N. Caléd. & Dépend.*, 16: 50 (1990), as 'margaretae'—New Caledonia.
marginata B.J. Conn in *Muelleria*, 7(2): 294 (1990)—Australia (New South Wales).
moratii J.M. Veillon in *Fl. N. Caléd. & Dépend.*, 16: 36 (1990)—New Caledonia.
villosa B.J. Conn in *Muelleria*, 7(2): 289 (1990)—Australia (New South Wales).

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subsp. punaluensis (Skotts.) D.M. Bates in *Bishop Mus. Occas. Pap.*, 29: 104 (1989); H. arnottianus var. punaluensis.
brackenridgei
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tenorii P.A. Fryxell in *Acta Bot. Mex.*, 8: 35 (1989)—Mexico.
waimeae
subsp. hanneriae (Degener & I. Degener) D.M. Bates in *Bishop Mus. Occas. Pap.*, 29: 106 (1989); H. waimeae var. hanneriae.
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subsect. Alpitransilvanica R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 296 (1989).
subsect. Prenanthoalpina R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 297 (1989).
sect. Transilvanica (Zahn) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 244 (1989); H. subsect. Transilvanica.
adakense R.N. Shlyakov in *Arktich. Fl. SSSR*, 10: 361 (1987)—U.S.S.R. (European Russia).
antecursorum R.N. Shlyakov in *Arktich. Fl. SSSR*, 10: 371 (1987)—U.S.S.R. (Siberia).
aureiceps Norrl. ex R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 242 (1989)—U.S.S.R. (European Russia).
borzawae (Zahn) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 296 (1989); H. *liptoviense* subsp. borzawae.
bupleurifolium
subsp. chaetothyrsoides (Zahn) V.Ya. Nikolaev in *Bot. Zhurn.*, 75(4): 557 (1990); H. velenovskiyi subsp. chaetothyrsoides.
cinerellisquamum (Litv. & Zahn) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 263 (1989); H. murorum subsp. cinerellisquamum.
ciuriwkae (Woloszcz. & Zahn) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 242 (1989); H. laevigatum subsp. ciuriwkae.
czeschaense R.N. Shlyakov in *Arktich. Fl. SSSR*, 10: 379 (1987)—U.S.S.R. (European Russia).
czywczynae (Woloszcz. & Zahn) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 297 (1989); H. krasanii subsp. czywczynae.
deanum (Zahn) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 246 (1989); H. trebevicianum subsp. deanum.
decipientiforme (Woloszcz. & Zahn) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 286 (1989); H. nigrescens subsp. decipientiforme.
elimense R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 379 (1989)—U.S.S.R. (European Russia).
ensifera (Norrl.) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 346 (1989); Hieracium ensiferum.
euirriguum (Zahn) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 248 (1989); H. lachenalii subsp. euirriguum.
farinifloccosum (Degen & Zahn) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 296 (1989); H. rauzense subsp. farinifloccosum.
foliolatum R.N. Shlyakov in *Arktich. Fl. SSSR*, 10: 380 (1987)—U.S.S.R. (European Russia).
fuliginosiforme R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 379 (1989)—U.S.S.R. (European Russia).
glaucinum
subsp. basalticum (Schultz-Bip.) J. Duvigneaud in *Bull. Jard. Bot. Nation. Belg.*, 57(3-4): 459 (1987); H. praecox var. basalticum.
gorczakovskii R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 378 (1989)—U.S.S.R. (Siberia, European Russia).
homochroum Norrl. ex R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 270 (1989)—U.S.S.R. (European Russia).
hosjense R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 378 (1989)—U.S.S.R. (European Russia).
ihrowyszczense (Zahn) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 294 (1989); H. atratum subsp. ihrowyszczense.
irriguiceps (Zahn) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 248 (1989); H. vulgatum subsp. irriguiceps.
jaworowae (Zahn) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 244 (1989); H. praecurrens var. jaworowae.
juratzkanum (Zahn) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 248 (1989); H. vulgatum subsp. juratzkanum.

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kukulense (Woloszcz. & Zahn) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 297 (1989); H. krasanii subsp. kukulense.
laniferum
subsp. texedense (Pau) G. Blanca, M. Cueto & M.C. Quesada in *Saussurea*, 19: 26 (1988 publ. 1989); H. texedense.
lapponicifolium R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 378 (1989)—U.S.S.R. (European Russia).
largum
var. pallonianum (Zahn) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 225 (1989); H. pallonianum.
lonchopodium (Zahn) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 279 (1989); H. bifidum subsp. lonchopodium.
lugiorum (Zahn) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 274 (1989); H. caesium subsp. lugiorum.
macdonaldii J.H. Beaman & B. Turner in J.H. Beaman, *Revis. Hieracium* (Asterac.) Mexico & C. Amer. (Syst. Bot. Monog., 29): 51 (1990)—Mexico.
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microspilon (Jord. ex Sudre) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 261 (1989); H. murorum b. microspilon.
mikulinkaе (Zahn) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 244 (1989); H. praecurrens subsp. mikulinkaе.
murmanense R.N. Shlyakov in *Arktich. Fl. SSSR*, 10: 386 (1987), nom. nov.; H. atratum subsp. murmanicola Zahn.
ochanskiense (Zahn) Juxip ex R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 249 (1989); H. vulgatum subsp. ochanskiense.
orthobrachion (Woloszcz. & Zahn) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 298 (1989); H. lampromegas subsp. orthobrachion.
pikujense (Woloszcz. & Zahn) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 297 (1989); H. krasanii subsp. pikujense.
pleiophyllogenes (Zahn) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 266 (1989); H. silvaticum subsp. pleiophyllogenes.
pleiophyllopsis (Zahn) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 244 (1989); H. praecurrens subsp. pleiophyllopsis.
prilakenense (Zahn) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 253 (1989); H. leucaule subsp. prilakenense.
pseudohypochnoodes R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 378 (1989)—Finland, U.S.S.R. (European Russia).
pseudolepistoides R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 379 (1989)—U.S.S.R. (European Russia).
pseudonigritiforme (Zahn) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 297 (1989); H. krasanii subsp. pseudonigritiforme.
saliencianum de Retz ex C. Aedo, J.M. Argüelles, J.M. González del Valle & M. Lainz in *Collect. Bot.*, 18: 110 (1990)—Spain.
sarmaticum (Zahn) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 299 (1989); H. dentatum subsp. sarmaticum.
schenkii (Griseb.) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 300 (1989); H. bupleuroides var. schenkii.
scouleri
var. albertinum (Farr) G.W. Douglas & G.A. Allen in *Canad. J. Bot.*, 64(11): 2726 (1986); H. albertinum.
subpleiophyllum (Zahn) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 246 (1989); H. trebevicianum subsp. subpleiophyllum.
subvirenticeps R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 276 (1989), nom. nov.; H. porrigens subsp. virenticeps Dahlst.
subviriduliceps (Zahn) R.N. Shlyakov in *Fl. Evropejskoj Chasti SSSR*, 8: 248 (1989); H. vulgatum subsp. subviriduliceps.

HIERACIUM :-

- subvulgatiforme *R.N. Shlyakov in Fl. Evropeiskoi Chasti SSSR*, 8: 251 (1989), nom. nov.: *H. vulgatum* subsp. vulgatiforme *Dahlst.*
 tanfilievii *Zahn ex R.N. Shlyakov in Arktich. Fl. SSSR*, 10: 355 (1987)—U.S.S.R. (European Russia).
 tazense *R.N. Shlyakov in Arktich. Fl. SSSR*, 10: 365 (1987)—U.S.S.R. (Siberia).
 telumbellatum *R.N. Shlyakov in Fl. Evropeiskoi Chasti SSSR*, 8: 231 (1989)—U.S.S.R. (European Russia).
 tolmatchevii *R.N. Shlyakov in Arktich. Fl. SSSR*, 10: 377 (1987)—U.S.S.R. (European Russia).
 truncipilum (*Thaisz & Zahn*) *R.N. Shlyakov in Fl. Evropeiskoi Chasti SSSR*, 8: 248 (1989): *H. vulgatum* subsp. truncipilum.
 westii *P.D. Sell in Watsonia*, 16(3): 283 (1987)—Great Britain.
 wysokae (*Woloszcz. & Zahn*) *R.N. Shlyakov in Fl. Evropeiskoi Chasti SSSR*, 8: 298 (1989): *H. lampromegas* subsp. *wysokae*.

HIEROCHLOE (Gramin.).

- glabra
 subsp. bungeana (*Trin.*) *G.A. Peshkova in Fl. Sibir. (Poaceae)*, 2: 118 (1990): *H. bungeana*.
 subsp. chakassica *G.A. Peshkova in Fl. Sibir. (Poaceae)*, 2: 118 (1990)—U.S.S.R. (Siberia), Mongolia.
 hirta
 subsp. praetermissa *G. Wiemarck in Symb. Bot. Upsal.*, 27(2): 176 (1986 publ. 1987)—Sweden, Germany, Switzerland, U.S.S.R.
 pluriflora
 subsp. intermedia (*Hackel*) *T. Koyama, Grasses of Japan & Neighbour. Regions*: 510 (1987): *H. alpina* var. *intermedia*.
 wrangelica *B.A. Yurtsev & Probat. in Bot. Zhurn.*, 74(1): 111 (1989)—U.S.S.R. (Soviet Far East).

HILARIA (Gramin.).

- annua *J.R. & C.G. Reeder in Madroño*, 35(1): 7 (1988)—Mexico.

HILDEBRANDTIA (Convolvulac.).

- austini *G.W. Staples in J. Arnold Arbor.*, 71(2): 255 (1990), nom. nov.: *Dactylostigma linearifolia* *D. Austin*.

HILDEGARDIA (Sterculiac.).

- gillettii *L.J. Dorr & L.C. Barnett in Kew Bull.*, 45(3): 577 (1990)—Somali Republic.

HILLIA (Rubiace.).

- subgen. *Ravnia* (*Oersted*) *C.M. Taylor in Selbyana*, 11: 30 (1989): gen. *Ravnia*.
 allenii *C.M. Taylor in Selbyana*, 11: 32 (1989), nom. nov.: *Ravnia panamensis Steyerem.*
 bonoi *J.A. Steyerem. in Ernstia*, 42: 5 (1987)—Venezuela.
 longifilamentosa (*Steyerem.*) *C.M. Taylor in Selbyana*, 11: 32 (1989): *Ravnia longifilamentosa*.
 triflora (*Oersted*) *C.M. Taylor in Selbyana*, 11: 30 (1989): *Ravnia triflora*.
 var. *pittieri* (*Standley*) *C.M. Taylor in Selbyana*, 11: 31 (1989): *Ravnia pittieri*.

HILLIARDIA B. Nordenstam in *Op. Bot.*, 92: 147 (1987). **COMPOSITAE**.

- zuurbergensis (*Oliv.*) *B. Nordenstam in Op. Bot.*, 92: 149 (1987): *Matricaria zuurbergensis*.

HILLIELLA (O.E. Schulz) *Y.H. Zhang & H.W. Li in Acta Bot. Yunnanica*, 8(4): 401 (1986): *Cochlearia* sect. *Hillielia* (Crucif.).

- alatipes (*Hand.-Mazz.*) *Y.H. Zhang & H.W. Li in Acta Bot. Yunnanica*, 8(4): 402 (1986): *Cochlearia alatipes*.
 var. *macranthus* *Y.H. Zhang in Acta Bot. Yunnanica*, 8(4): 403 (1986)—China.
 var. *micranthus* *Y.H. Zhang in Acta Bot. Yunnanica*, 8(4): 403 (1986)—China.
 changhuaensis *Y.H. Zhang in Acta Bot. Yunnanica*, 9(2): 155 (1987)—China.
 formosana (*Hayata*) *Y.H. Zhang & H.W. Li in Acta Bot. Yunnanica*, 8(4): 403 (1986): *Cochlearia formosana*.

HILLIELLA :-

- fumarioides (*Dunn*) *Y.H. Zhang & H.W. Li in Acta Bot. Yunnanica*, 8(4): 403 (1986): *Cochlearia fumarioides*.
 guangdongensis *Y.H. Zhang in Acta Bot. Yunnanica*, 9(2): 157 (1987)—China.
 hui (*O.E. Schulz*) *Y.H. Zhang & H.W. Li in Acta Bot. Yunnanica*, 8(4): 404 (1986): *Cochlearia hui*.
 hunanensis *Y.H. Zhang in Acta Bot. Yunnanica*, 9(2): 160 (1987)—China.
 lichuanensis *Y.H. Zhang in Acta Bot. Yunnanica*, 9(2): 158 (1987)—China.
 longistyla *Y.H. Zhang in Acta Bot. Yunnanica*, 9(2): 153 (1987)—China.
 paradoxa (*Hance*) *Y.H. Zhang & H.W. Li in Acta Bot. Yunnanica*, 8(4): 404 (1986): *Cardamine paradoxa*.
 rivulorum (*Dunn*) *Y.H. Zhang & H.W. Li in Acta Bot. Yunnanica*, 8(4): 404 (1986): *Nasturtium rivulorum*.
 shuangpaiensis *Z.Y. Li in Acta Bot. Yunnanica*, 10(1): 117 (1988)—China.
 sinuata (*Kuan*) *Y.H. Zhang & H.W. Li in Acta Bot. Yunnanica*, 8(4): 404 (1986): *Cochlearia sinuata*.
 var. *qianwuensis* *Y.H. Zhang in Acta Bot. Yunnanica*, 8(4): 405 (1986)—China.
 warburgii (*O.E. Schulz*) *Y.H. Zhang & H.W. Li in Acta Bot. Yunnanica*, 8(4): 405 (1986): *Cochlearia warburgii*.
 var. *albiflora* *S.X. Qian in Bull. Bot. Res. North-East. Forest. Inst.*, 10(4): 63 (1990)—China.

HIMANTOGLOSSUM (Orchidac.).

- samariensis *C. & A. Alibertis in Orchidophile*, 87: 110 (1989)—Crete.

HIMERANTHUS (Solanac.).

- runcinatus (*Lam.*) *Endl., Cat. Horti Vindob.*, 2: 83 (1842); cf. *D.J. Mabberley in Taxon*, 33(3): 435 (1984): *Jaborosa runcinata*.

HIPPEASTRUM (Amaryllidac.).

- wilsoniae *L.J. Doran & F.W. Meyer in Herbertia*, 43(1): 10 (1987)—Bolivia.

HIPPEOPHYLLUM (Orchidac.).

- pumilum *Fuk. ex T.P. Lin, Native Orchids Taiwan*, 3: 141 (1987), without type—Taiwan.

HIPPOCREPIS (Legumin.).

- balearica
 subsp. *grosii* (*Pau*) *M. Mus, J.A. Rosselló & N. Torres in Candollea*, 45(1): 79 (1990): *H. balearica* var. *grosii*.
 var. *minoricensis* *P. Montserrat ex M. Lainz in Fontqueria*, 24: 2 (1989)—Balearic Is.
 carpetana *P. Lassen in Willdenowia*, 19(1): 61 (1989)—Spain.
 comosa
 var. *glauca* (*Ten.*) *O. de Bolòs & J. Vigo, Fl. Paisos Catalans*, 2: 825 (1990): *H. glauca*.
 var. *scorpioides* (*Req. ex Benth.*) *O. de Bolòs & J. Vigo, Fl. Paisos Catalans*, 2: 825 (1990): *H. scorpioides*.
 emerus (*L.*) *P. Lassen in Svensk Bot. Tidskr.*, 83(2): 86 (1989): *Coronilla emerus*.
 subsp. *emeroides* (*Boiss. & Spruner*) *W. Greuter & Burdet in Willdenowia*, 16(2): 443 (1987): *Coronilla emeroides*.
 subsp. *emeroides* (*Boiss. & Spruner*) *Greuter & Burdet ex P. Lassen in Svensk Bot. Tidskr.*, 83(2): 86 (1989): *Coronilla emeroides*.
 monticola *Durieu ex P. Lassen in Willdenowia*, 19(1): 61 (1989)—Algeria, Morocco, Tunisia, Libya.
 neglecta *P. Lassen in Willdenowia*, 19(1): 61 (1989)—Morocco.
 scorpioides *Req. ex G. Benth., Cat. Pl. Pyrénées*: 90 (1826)—France.
 var. *nevadensis* (*Uhrova*) *P. Lassen in Willdenowia*, 16(1): 111 (1986): *H. comosa* var. *nevadensis*.
 unisiliquosa
 subsp. *armena* *P. Lassen in Willdenowia*, 19(1): 61 (1989)—U.S.S.R. (Caucasus), Iran.
 subsp. *biflora* (*Sprengel*) *O. de Bolòs & J. Vigo, Fl. Paisos Catalans*: 642 (1984): *H. biflora*.

HIPPOPHAE (Elaeagnac.).

- sect. *Gyantsenses* *Y.S. Lian in Acta Phytotax. Sin.*, 26(3): 236 (1988).

HIPPOPHAE :-

- gyantsensis (*Rousi*) *Y.S. Lian in Acta Phytotax. Sin.*, 26(3): 235 (1988): *H. rhamnoides* subsp. *gyantsensis*.

HIPPURIS (Hippuridac.).

- spiralis *D. Yu in Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 87 (1990)—China.
 vulgaris
 var. *ramificans* *D. Yu in Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 88 (1990)—China.

HIPTAGE (Malpighiac.).

- calicicola *P. Siriruga in Nordic J. Bot.*, 7(3): 277 (1987)—Thailand.
 gracilis *P. Siriruga in Nordic J. Bot.*, 7(3): 279 (1987)—Thailand.
 monopteryx *P. Siriruga in Nordic J. Bot.*, 7(3): 279 (1987)—Thailand.

HIRTELLA (Chrysobalanac.).

- liesneri *G.T. Prance in Fl. Neotrop.*, 9S: 89 (1989)—Venezuela.
 margae *G.T. Prance in Proc. Kon. Nederl. Acad. Wetensch.*, C, 89(1): 111 (1986)—Surinam, Guyana.
 racemosa
 var. *hispidula* *G.T. Prance in Proc. Kon. Nederl. Acad. Wetensch.*, C, 89(1): 113 (1986)—Brazil, French Guiana.

HODGSONIA (Cucurbitac.).

- macrocarpa
 var. *capniocarpa* (*Ridl.*) *Tsai ex A.M. Lu & Z.Y. Zhang in Fl. Reipubl. Popul. Sin.*, 73(1): 259 (1986): *Hodgsonia capniocarpa*.

HOFFMANNSEGGIA (Legumin.).

- arequipensis *E.A. Ulibarr in Darwiniana*, 28(1-4): 232 (1987 publ. 1988)—Peru.
 montana (*Britton*) *R. McVaugh, Fl. Novo-Galiciana*, 5: 68 (1987): *Larrea montana*.

HOFMEISTERIA (Compos.).

- anomalochoeta (*R.M. King*) *B.L. Turner in Phytologia*, 63(6): 416 (1987): *Carterothamnus anomalochoeta*.
 malvaefolia (*B.L. Rob. & Greenm.*) *B.L. Turner in Phytologia*, 63(6): 416 (1987): *Oaxacana malvaefolia*.

HOLBOELLIA (Lardizabalac.).

- apetala *Q. Xia, J.Z. Suen & Z.X. Peng in Acta Phytotax. Sin.*, 28(5): 409 (1990)—China.
 khasiana *T.K. Paul & M.P. Nayar in Bull. Bot. Surv. India*, 27(1-4): 105 (1985 publ. 1987)—India.

HOLCOGLOSSUM (Orchidac.).

- sect. *Kimballianum* *E.A. Christenson in Notes Roy. Bot. Gard. Edinburgh*, 44(2): 255 (1987).
 amesianum (*Reichb. f.*) *E.A. Christenson in Notes Roy. Bot. Gard. Edinburgh*, 44(2): 255 (1987): *Vanda amesiana*.
 himalaicum (*Deb, Sengupta & Malick*) *L.V. Aver'yanov in Bot. Zhurn.*, 73(3): 432 (March 1988): *Saccolabium himalaicum*.
 himalaicum (*Deb, Sengupta & Malick*) *K. Senghas in Schlechter Orchideen*, 1(19-20): 1194 (October 1988), isonym see *L.V. Aver'yanov in Bot. Zhurn.*, 73(3): 432 (March 1988): *Saccolabium himalaicum*.
 kimballianum
 var. *lingulatum* *L.V. Aver'yanov in Bot. Zhurn.*, 73(3): 426 (1988)—Vietnam.
 saprophyticum (*Gagnep.*) *E.A. Christenson in Notes Roy. Bot. Gard. Edinburgh*, 44(2): 255 (1987): *Vanda saprophytica*.
 sinicum *E.A. Christenson in Notes Roy. Bot. Gard. Edinburgh*, 44(2): 255 (1987)—China.
 subulifolium (*Reichb. f.*) *E.A. Christenson in Notes Roy. Bot. Gard. Edinburgh*, 44(2): 255 (1987): *Vanda subulifolia*.
 subulifolium (*Reichenb. f.*) *Seidenf. ex L.V. Aver'yanov in Bot. Zhurn.*, 73(3): 432 (1988), isonym; see *E.A. Christenson in Notes Roy. Bot. Gard. Edinburgh*, 44(2): 255 (1987): *Vanda subulifolia*.

HOLCOLEMMMA (Gramin.).

dispar W.D. Clayton in *Kew Bull.*, 42(2): 402 (1987), nom. nov.: *Panicum inaequale* F. Muell.

HOLCUS (Gramin.).

aciculatus (Retz.) R. Brown in D. Denham & H. Clapperton, *Narr. Travels Africa, Appendix*: 244 (1826), as 'acicularis'; cf. D.J. Mabberley in *Bot. Macaronesica*, 6: 64 (1980): *Andropogon aciculatus*.

HOLMGRENANTHE W.J. Elisens, Monogr. Maurandyinae (Scrophulariac.-Antirrhin.) (Syst. Bot. Monog., 5): 54 (1985). **SCROPHULARIACEAE**.

petrophila (Coville & C. Morton) W.J. Elisens, Monogr. Maurandyinae (Scrophulariac.-Antirrhin.) (Syst. Bot. Monog., 5): 54 (1985): *Maurandia petrophila*.

HOLMSKIOLDIA (Verbenac.).

gigas R.B. Faden in *Kew Bull.*, 43(4): 660 (1988)—Kenya.

HOLOGRAPHIS (Acanthac.).

caput-medusae T.F. Daniel in *Proc. Calif. Acad. Sci.*, Ser. 4, 46(2): 76 (1988)—Mexico.
 leticiana T.F. Daniel in *Proc. Calif. Acad. Sci.*, Ser. 4, 46(2): 79 (1988)—Mexico.
 tolantongensis T.F. Daniel in *Proc. Calif. Acad. Sci.*, Ser. 4, 46(2): 75 (1988)—Mexico.
 websteri T.F. Daniel in *Southwest. Nat.*, 31(2): 169 (1986)—Mexico.

HOLOSTEUM (Caryophyllac.).

kobresietorum K.H. Rechinger in *Fl. Iran.*, 163: 113 (1988)—Afghanistan.

HOLOTHRIX (Orchidac.).

rorida G. Williamson in *Kirkia*, 13(2): 245 (1990)—Malawi.
 villosa
 subsp. chimanimaniensis G. Williamson in *Kirkia*, 13(2): 247 (1990)—Zimbabwe, Mozambique.

HOLSTIANTHUS J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 73(2): 495 (1986). **RUBIACEAE**.

barbigularis J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 73(2): 495 (1986)—Venezuela.

HOMALIUM (Flacourtiac.).

ceylanicum
 var. debbarmani (Kanjilal et al.) H.B. Naithani & S. Biswas in H.B. Naithani, *Flora Pl. India, Nepal & Bhutan*: 49 (1990): H. bhamoense var. debbarmani.
 var. laoticum (Gagnep.) G.S. Fan in *J. Wuhan Bot. Res.*, 8(2): 139 (1990): H. laoticum.
 dasyanthum (Turcz.) W. Theobald in F. Mason, *Burmah*, ed. 3, 2: 451 (1883); cf. D.J. Mabberley in *Taxon*, 34(1): 155 (1985): *Blackwellia dasyantha*.

HOMALOCALYX (Myrtac.).

aureus (C. Gardner) L.A. Craven in *Brunonia*, 10(2): 147 (1987): *Wehlia aurea*.
 chapmanii L.A. Craven in *Brunonia*, 10(2): 147 (1987)—Australia (W. Australia).
 coarctatus (F. Muell.) L.A. Craven in *Brunonia*, 10(2): 148 (1987): *Wehlia coarctata*.
 echinulatus L.A. Craven in *Brunonia*, 10(2): 149 (1987)—Australia (W. Australia).
 grandiflorus (C. Gardner) L.A. Craven in *Brunonia*, 10(2): 151 (1987): *Wehlia grandiflora*.
 inerrabundus L.A. Craven in *Brunonia*, 10(2): 152 (1987)—Australia (W. Australia).
 pulcherrimus (Ewart & B. Rees) L.A. Craven in *Brunonia*, 10(2): 154 (1987): *Wehlia pulcherrima*.
 staminosus (F. Muell.) L.A. Craven in *Brunonia*, 10(2): 155 (1987): *Wehlia staminosa*.
 thryptomenoides (F. Muell.) L.A. Craven in *Brunonia*, 10(2): 156 (1987): *Wehlia thryptomenoides*.

HOMALOMENA (Arac.).

engleri J. Bogner in *Aroidaeana*, 8(3): 75 (1985 publ. 1986), nom. nov.: *Diandriella novoguineensis* Engl.

HOMOGNAPHALIUM (Compos.).

pulvinatum (Del.) A.A. Fayed & M. Zareh in *Willdenowia*, 18(2): 451 (1989): *Gnaphalium pulvinatum*.

HOMOPHOLIS (Gramin.).

proluta (F. Muell.) R.D. Webster, *Australian Paniceae (Poac.)*: 96 (1987): *Panicum prolutum*.

HOOKEROCHLOA E.B. Alekseev in *Byull. Mosk. Obsch. Ispyt. Prir., Biol.*, 90(5): 106 (1985). **GRAMINEAE**.

hookeriana (F. Muell. ex Hook. f.) E.B. Alekseev in *Byull. Mosk. Obsch. Ispyt. Prir., Biol.*, 90(5): 106 (1985): *Festuca hookeriana*.

HOPEA (Dipterocarpaceae).

modesta (ADC.) A.J.G.J. Kostermans in *Ceylon J. Sci., Biol. Sci.*, 15(1-2): 47 (1982): H. jucunda var. modesta.

ponga

var. cauveriana K.R. Keshava Murthy & S.N. Yoganarasimhan in *Current Sci.*, 56(11): 544 (1987)—India.

HORDEUM (Gramin.).

brevisubulatum

var. turkestanicum (Nevski) P.C. Kuo in *Fl. Xizangica*, 5: 177 (1987): H. turkestanicum.

fuegianum R. von Bothmer, N. Jacobsen & R.B. Jørgensen in *Nordic J. Bot.*, 6(4): 404 (1986)—Tierra del Fuego, Chile.

patagonicum

subsp. magellanicum (Parodi & Nicora) R. von Bothmer, B.E. Giles & N. Jacobsen in *Bot. Jahrb.*, 109(3): 380 (1988): H. chilense var. magellanicum.

subsp. mustersii (Nicora) R. von Bothmer, B.E. Giles & N. Jacobsen in *Bot. Jahrb.*, 109(3): 378 (1988): H. mustersii.

subsp. santacruceense (Parodi & Nicora) R. von Bothmer, B.E. Giles & N. Jacobsen in *Bot. Jahrb.*, 109(3): 378 (1988): H. santacruceense.

subsp. setifolium (Parodi & Nicora) R. von Bothmer, B.E. Giles & N. Jacobsen in *Bot. Jahrb.*, 109(3): 376 (1988): H. setifolium.

vulgare

var. abdulbasirovii D.S. Omarov in *Trudy Prikl. Bot. Genet. Selekt.*, 95: 57 (1985), as 'abdulbasirovi'—Cultivation.

var. bachteevii D.S. Omarov in *Trudy Prikl. Bot. Genet. Selekt.*, 95: 57 (1985), as 'bachteevi'—Cultivation.

var. lukyanovae D.S. Omarov in *Trudy Prikl. Bot. Genet. Selekt.*, 95: 57 (1985)—Cultivation.

var. lvovii D.S. Omarov in *Trudy Prikl. Bot. Genet. Selekt.*, 95: 57 (1985), as 'lvovi'—Cultivation.

var. valentinae D.S. Omarov in *Trudy Prikl. Bot. Genet. Selekt.*, 95: 58 (1985)—Cultivation.

HORNSCHUCHIA (Annonac.).

cauliflora P.J.M. Maas & A.K. van Setten in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(3): 259 (1988)—Brazil.

obliqua P.J.M. Maas & A.K. van Setten in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(3): 260 (1988)—Brazil.

polyantha P.J.M. Maas in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 89(3): 258 (1986)—Brazil.

HORNSTEDTIA (Zingiberac.).

gracilis R.M. Smith in *Notes Roy. Bot. Gard. Edinburgh*, 44(2): 233 (1987)—Borneo (Sabah).

HORSFIELDIA (Myristicac.).

affinis W.J.J.O. de Wilde in *Gard. Bull. Singapore*, 38(2): 217 (1985)—Borneo (Sarawak, Brunei, Kalimantan).

amplomontana W.J.J.O. de Wilde in *Gard. Bull. Singapore*, 39(1): 34 (1986)—Borneo (Sabah).

androphora W.J.J.O. de Wilde in *Gard. Bull. Singapore*, 39(1): 32 (1986)—Borneo (Sarawak, Sabah).

atjehensis W.J.J.O. de Wilde in *Gard. Bull. Singapore*, 38(2): 186 (1985)—Sumatra.

borneensis W.J.J.O. de Wilde in *Gard. Bull. Singapore*, 39(1): 27 (1986)—Borneo (Sarawak, Sabah, Kalimantan).

HORSFIELDIA :-

coriacea W.J.J.O. de Wilde in *Gard. Bull. Singapore*, 39(1): 50 (1986)—Celebes.

coryandra W.J.J.O. de Wilde in *Blumea*, 32(2): 464 (1987)—New Guinea (Papua New Guinea).

discolor W.J.J.O. de Wilde in *Blumea*, 32(2): 469 (1987)—Borneo (Kalimantan, ?Sarawak, ?Brunei, ?Sabah).

disticha W.J.J.O. de Wilde in *Gard. Bull. Singapore*, 39(1): 10 (1986)—Borneo (Brunei).

elongata W.J.J.O. de Wilde in *Blumea*, 32(2): 465 (1987)—Malaya.

endertii W.J.J.O. de Wilde in *Gard. Bull. Singapore*, 39(1): 24 (1986)—Borneo (Kalimantan, Sarawak, Sabah).

glabra

var. javanica W.J.J.O. de Wilde in *Gard. Bull. Singapore*, 39(1): 59 (1986)—Java.

var. oviflora W.J.J.O. de Wilde in *Gard. Bull. Singapore*, 39(1): 59 (1986)—Java.

gracilis W.J.J.O. de Wilde in *Gard. Bull. Singapore*, 38(2): 211 (1985)—Borneo (Sarawak).

hirtiflora W.J.J.O. de Wilde in *Gard. Bull. Singapore*, 39(1): 1 (1986)—Sumatra.

laticostata (Sinclair) W.J.J.O. de Wilde in *Gard. Bull. Singapore*, 39(1): 15 (1986): H. brachiata var. laticostata.

macilenta W.J.J.O. de Wilde in *Gard. Bull. Singapore*, 39(1): 13 (1986)—Borneo (Sabah, Sarawak, Malaya, Sumatra).

nervosa W.J.J.O. de Wilde in *Gard. Bull. Singapore*, 39(1): 16 (1986)—Borneo (Sarawak).

obscura W.J.J.O. de Wilde in *Gard. Bull. Singapore*, 39(1): 42 (1986)—Borneo (Kalimantan, ?Sarawak).

obtusa W.J.J.O. de Wilde in *Gard. Bull. Singapore*, 39(1): 9 (1986)—Borneo (Sarawak).

pachyrachis W.J.J.O. de Wilde in *Gard. Bull. Singapore*, 39(1): 5 (1986)—Borneo (Kalimantan).

pallidicaula W.J.J.O. de Wilde in *Gard. Bull. Singapore*, 38(2): 191 (1985)—Borneo (Sarawak, Sabah, ?Kalimantan).

var. macrocarya W.J.J.O. de Wilde in *Gard. Bull. Singapore*, 38(2): 193 (1985)—Borneo (Sarawak).

var. microcarya (Sinclair) W.J.J.O. de Wilde in *Gard. Bull. Singapore*, 38(2): 193 (1985): H. bracteosa var. microcarya.

polyspherula
 var. maxima W.J.J.O. de Wilde in *Gard. Bull. Singapore*, 39(1): 22 (1986)—Borneo (Sarawak, Sabah, Kalimantan).

var. sumatrana (Miq.) W.J.J.O. de Wilde in *Gard. Bull. Singapore*, 39(1): 20 (1986): *Myristica glabra* var. sumatrana.

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subsp. sommieri (Pamp.) S. Brullo in *Boll. Sedute Accad. Gioenia Sci. Nat. Catania*, 15(320): 227 (1982); Hutchinsia procumbens f. sommieri.
- HYMENOPAPPUS** (Compos.).
carrizoanus B.L. Turner in *Phytologia*, 67(4): 294 (1989)—U.S.A. (Texas).
scabiosaeus
var. artemisiifolius (DC.) K.N. Gandhi & R.D. Thomas in *Sida, Bot. Misc.*, 4: 113 (1989); H. artemisiifolius.
- HYMENOPOGON** (Rubiace.).
parasiticus
var. longiflorus How ex W.C. Chen in *Guihaia*, 7(4): 297 (1987)—China, Xizang.
- HYMENORCHIS** (Orchidac.).
serrulata (Hallé) L.A. Garay in *Bot. Mus. Leaflet. Harvard Univ.*, 30(3): (58) 192 (1985 publ. 14 Feb. 1986); Saccolabium serrulatum.
serrulata (Hallé) N. Hallé in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(3): 224 (1986 publ. 28 Jan. 1987), isonym: Saccolabium serrulatum.

HYMENOXYLS (Compos.).

- lapidicola S.L. Welsh & E. Neese in *Great Basin Nat.*, 43(2): 373 (1983)—U.S.A. (Utah).
 ursina (Standl.) B.L. Turner in *Phytologia*, 69(1): 15 (1990): Actinea ursina.

HYOSCYAMUS (Solanac.).

- gallagheri A.G. Miller & J.A. Biagi in *Notes Roy. Bot. Gard. Edinburgh*, 45(1): 70 (1988)—Oman.

HYOSERIS (Compos.).

- frutescens S. Brullo & P. Pavone in *Candollea*, 43(2): 717 (1988)—Malta.

HYPARRHENIA (Gramin.).

- rufa
 subsp. altissima (Stafp) B.K. Simon in *Austrobaileya*, 3(1): 86 (1989): H. altissima.

HYPECOUM (Papaverac.).

- sect. Leptocarpae A.E. Dahl in *Nordic J. Bot.*, 10(2): 140 (1990).
 sect. Mnemosilla (Forsk.) A.E. Dahl in *Nordic J. Bot.*, 10(2): 135 (1990), without basionym ref.: Basionym not stated.
 sect. Pendululae A.E. Dahl in *Nordic J. Bot.*, 10(2): 137 (1990).
 angustilobum A.E. Dahl in *Pl. Syst. Evol.*, 163(3-4): 260 (1989)—U.S.S.R. (Caucasus, Middle Asia), Iraq.
 procumbens
 subsp. atropunctatum A.E. Dahl in *Pl. Syst. Evol.*, 163(3-4): 255 (1989)—Turkey, East Aegean Is.
 subsp. fragrantissimum A.E. Dahl in *Pl. Syst. Evol.*, 163(3-4): 254 (1989)—Greece.
 torulosum A.E. Dahl in *Pl. Syst. Evol.*, 163(3-4): 268 (1989)—Greece, East Aegean Is., Crete, Algeria, Bulgaria, Cyprus, Corsica, France, Italy, Sicily, Romania, Turkey.
 trullatum A.E. Dahl in *Pl. Syst. Evol.*, 163(3-4): 257 (1989)—Turkey.

HYPENIA (Mart. ex Benth.) R.M. Harley in *Bot. J. Linn. Soc.*, 98(2): 91 (1988): Hyptis sect. Hypenia (Labiata.).

- aristulata (Epling) R.M. Harley in *Bot. J. Linn. Soc.*, 98(2): 92 (1988): Hyptis aristulata.
 brachystachys (Pohl ex Benth.) R.M. Harley in *Bot. J. Linn. Soc.*, 98(2): 91 (1988): Hyptis brachystachys.
 calycina (Pohl ex Benth.) R.M. Harley in *Bot. J. Linn. Soc.*, 98(2): 92 (1988): Hyptis calycina.
 concinna (Benth.) R.M. Harley in *Bot. J. Linn. Soc.*, 98(2): 91 (1988): Hyptis concinna.
 crispata (Pohl ex Benth.) R.M. Harley in *Bot. J. Linn. Soc.*, 98(2): 92 (1988): Hyptis crispata.
 densiflora (Pohl ex Benth.) R.M. Harley in *Bot. J. Linn. Soc.*, 98(2): 91 (1988): Hyptis densiflora.
 durifolia (Epling) R.M. Harley in *Bot. J. Linn. Soc.*, 98(2): 92 (1988): Hyptis durifolia.
 gardneriana (Benth.) R.M. Harley in *Bot. J. Linn. Soc.*, 98(2): 92 (1988): Hyptis glauca var. gardneriana.
 glauca (St. Hil. ex Benth.) R.M. Harley in *Bot. J. Linn. Soc.*, 98(2): 92 (1988): Hyptis glauca.
 inelegans (Epling) R.M. Harley in *Bot. J. Linn. Soc.*, 98(2): 91 (1988): Hyptis inelegans.
 irregularis (Benth.) R.M. Harley in *Bot. J. Linn. Soc.*, 98(2): 91 (1988): Hyptis irregularis.
 macrantha (St. Hil. ex Benth.) R.M. Harley in *Bot. J. Linn. Soc.*, 98(2): 92 (1988): Hyptis macrantha.
 macrosiphon (Briq.) R.M. Harley in *Bot. J. Linn. Soc.*, 98(2): 92 (1988): Hyptis macrosiphon.
 marifolia (Benth.) R.M. Harley in *Bot. J. Linn. Soc.*, 98(2): 91 (1988): Hyptis marifolia.
 micrantha (Benth.) R.M. Harley in *Bot. J. Linn. Soc.*, 98(2): 91 (1988): Eriope micrantha.
 paniculata (Benth.) R.M. Harley in *Bot. J. Linn. Soc.*, 98(2): 92 (1988): Hyptis paniculata.
 paradisi (R. Harley) R.M. Harley in *Bot. J. Linn. Soc.*, 98(2): 91 (1988): Hyptis paradisi.
 pauliana (Epling) R.M. Harley in *Bot. J. Linn. Soc.*, 98(2): 92 (1988): Hyptis pauliana.
 perplexa (Epling) R.M. Harley in *Bot. J. Linn. Soc.*, 98(2): 92 (1988): Hyptis perplexa.
 pruinosa (Pohl ex Benth.) R.M. Harley in *Bot. J. Linn. Soc.*, 98(2): 91 (1988): Hyptis pruinosa.

HYPENIA :-

- reticulata (Mart. ex Benth.) R.M. Harley in *Bot. J. Linn. Soc.*, 98(2): 92 (1988): Hyptis reticulata.
 salzmannii (Benth.) R.M. Harley in *Bot. J. Linn. Soc.*, 98(2): 91 (1988): Hyptis salzmannii.
 subrosea (R. Harley) R.M. Harley in *Bot. J. Linn. Soc.*, 98(2): 92 (1988): Hyptis subrosea.
 vitifolia (Pohl ex Benth.) R.M. Harley in *Bot. J. Linn. Soc.*, 98(2): 91 (1988): Hyptis vitifolia.

HYPERBAENA (Menispermac.).

- jalcomulcensis E. Pérez Cueto & G. Castillo-Campos in *Acta Bot. Mex.*, 4: 15 (1988)—Mexico.

HYPERICUM (Guttif.).

- sect. Knifa (Adanson) N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 16(1): 2 (1987): gen. Knifa.
 subsect. Knifa (Adans.) N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 20(1): 95 (1990): gen. Knifa.
 subsect. Phellotes N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 20(1): 16 (1990).
 subsect. Platyadenum N.K.B. Robson in *Notes Roy. Bot. Gard. Edinburgh*, 43(2): 256 (1986).
 subsect. Stenadenum N.K.B. Robson in *Notes Roy. Bot. Gard. Edinburgh*, 43(2): 257 (1986).
 subsect. Styphelioides N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 20(1): 16 (1990).
 sect. Trigynobrachys (Y. Kimura) N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 16(1): 3 (1987): Sarothra sect. Trigynobrachys.
 acostanum Steyerl. ex N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 16(1): 27 (1987)—Ecuador.
 asplundii N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 20(1): 24 (1990)—Ecuador.
 beamanii N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 20(1): 40 (1990)—Guatemala.
 bolivarianum N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 16(1): 72 (1987)—Colombia.
 brasiliense
 var. linoides (St. Hil.) C. Rodríguez Jiménez in *Mem. Soc. Cienc. Nat. La Salle*, 33(94-95): 126 (1973): H. linoides.
 callacallanum N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 20(1): 18 (1990)—Peru.
 campestre
 subsp. pauciflorum N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 20(1): 76 (1990)—Brazil.
 subsp. tenue N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 20(1): 78 (1990)—Paraguay, Argentina.
 caracasianum
 subsp. turumiquirense (Steyerl.) N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 16(1): 90 (1987): H. caracasianum var. turumiquirense.
 cassiopiiforme N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 16(1): 59 (1987)—Peru.
 castellanoi N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 20(1): 23 (1990)—Venezuela, Colombia.
 cerastoides
 subsp. meuselium I. Hagemann in *Flora (Germany)*, 183(3-4): 272 (1989)—Bulgaria/Greece border.
 chamaemyrtus
 subsp. pseudocaracasianum (Steyerl.) N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 20(1): 30 (1990): H. pseudocaracasianum.
 cordatum (Vell. Conc.) N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 20(1): 59 (1990): Receveura cordata.
 subsp. kleinii N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 20(1): 60 (1990)—Brazil.
 costaricensis N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 16(1): 70 (1987)—Costa Rica, Panama, Colombia.
 cymobrachys N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 16(1): 103 (1987)—Colombia.
 davisii N.K.B. Robson in *Notes Roy. Bot. Gard. Edinburgh*, 43(2): 263 (1986)—Turkey, U.S.S.R. (Caucasus), Iran.
 denticulatum
 subsp. acutifolium (Elliott) N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 20(1): 66 (1990): H. acutifolium.

HYPERICUM :-

- var. virgatum (Lam.) C. Rodríguez Jiménez in *Mem. Soc. Cienc. Nat. La Salle*, 33(94-95): 100 (1973): H. virgatum.
 elongatum
 subsp. apiculatum N.K.B. Robson in *Notes Roy. Bot. Gard. Edinburgh*, 43(2): 261 (1986)—Turkey.
 subsp. callithyrsum (Cosson) N.K.B. Robson in *Notes Roy. Bot. Gard. Edinburgh*, 43(2): 262 (1986): H. callithyrsum.
 subsp. microcalycinum (Boiss. & Heldr.) N.K.B. Robson in *Notes Roy. Bot. Gard. Edinburgh*, 43(2): 261 (1986): H. microcalycinum.
 subsp. racemosum (Kuntze) N.K.B. Robson in *Notes Roy. Bot. Gard. Edinburgh*, 43(2): 261 (1986): H. hyssopifolium var. racemosum.
 subsp. tymphrestum (Boiss. & Spruner) N.K.B. Robson in *Notes Roy. Bot. Gard. Edinburgh*, 43(2): 262 (1986): H. tymphrestum.
 empetrifolium
 subsp. oliganthum (Rech. f.) I. Hagemann in *Pl. Syst. Evol.*, 155(1-4): 186 (1987): H. empetrifolium var. oliganthum.
 subsp. tortuosum (Rech. f.) I. Hagemann in *Pl. Syst. Evol.*, 155(1-4): 186 (1987): H. empetrifolium var. tortuosum.
 erectum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 702 (1784)—Japan.†
 espinalii N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 20(1): 22 (1990)—Colombia.
 gladiatum N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 20(1): 21 (1990)—Colombia.
 gleasonii N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 16(1): 55 (1987)—Colombia.
 harlingii N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 20(1): 28 (1990)—Ecuador.
 hengshanense
 var. xinlinense Z.Y. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 129 (1988)—China.
 hookerianum
 var. dentatum S.N. Biswas in *Bull. Bot. Surv. India*, 25(1-4): 195 (1983 publ. 1985)—India, Sikkim.
 horizontale N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 16(1): 81 (1987)—Colombia.
 irazuense Kuntze ex N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 16(1): 30 (1987)—Costa Rica, Panama.
 japonicum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 702 (1784)—Japan.†
 jaramilloi N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 16(1): 86 (1987)—Colombia, Costa Rica.
 killipii N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 20(1): 96 (1990)—Colombia.
 kiusianum
 var. yakusimense (Koidz.) T. Kato in *Bull. Nation. Sci. Mus.*, B (Tokyo), 13(2): 77 (1987): H. yakusimense.
 lancioides
 subsp. congestiflorum (Triana & Planchon) N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 16(1): 101 (1987): H. struthiolifolium var. congestiflorum.
 llanganaticum N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 16(1): 95 (1987)—Ecuador.
 loxense
 subsp. aequatoriale (R. Keller) N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 16(1): 44 (1987): H. loxense var. aequatoriale.
 magdalenicum N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 16(1): 63 (1987)—Colombia, Venezuela.
 maguirei N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 16(1): 52 (1987)—Ecuador.
 marahuacanum N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 16(1): 77 (1987)—Venezuela, Colombia.
 subsp. chimantaicum N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 16(1): 80 (1987)—Venezuela.
 subsp. strictissimum N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 16(1): 79 (1987)—Colombia, Venezuela.
 martense N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 16(1): 51 (1987)—Colombia.
 matangense N.K.B. Robson in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 20(1): 17 (1990)—Ecuador.

HYPERICUM :-

- mutilum
 subsp. latisepalum (Fern.) N.K.B. Robson in Bull. Brit. Mus. (Nat. Hist.), Bot., 20(1): 119 (1990); H. mutilum var. latisepalum.
- myrianthum
 subsp. tamariscinum (Cham. & Schlechtendal) N.K.B. Robson in Bull. Brit. Mus. (Nat. Hist.), Bot., 20(1): 83 (1990); H. tamariscinum.
- papillosum N.K.B. Robson in Bull. Brit. Mus. (Nat. Hist.), Bot., 16(1): 34 (1987)—Colombia.
- parallelum N.K.B. Robson in Bull. Brit. Mus. (Nat. Hist.), Bot., 16(1): 76 (1987)—Colombia.
- paramitanum N.K.B. Robson in Bull. Brit. Mus. (Nat. Hist.), Bot., 20(1): 25 (1990)—Venezuela.
- patulum C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14: 700 (1784)—Japan.†
- pauciflorum
 subsp. involutum (Labill.) C. Rodríguez Jiménez in Mem. Soc. Cienc. Nat. La Salle, 33(94-95): 105 (1973); Ascyrum involutum.
- pedersenii N.K.B. Robson in Bull. Brit. Mus. (Nat. Hist.), Bot., 20(1): 72 (1990)—Brazil.
- phellos
 subsp. marcescens N.K.B. Robson in Bull. Brit. Mus. (Nat. Hist.), Bot., 20(1): 16 (1990)—Colombia.
- subsp. oroqueanum N.K.B. Robson in Bull. Brit. Mus. (Nat. Hist.), Bot., 16(1): 25 (1987)—Colombia.
- subsp. platyphyllum (Gleason) N.K.B. Robson in Bull. Brit. Mus. (Nat. Hist.), Bot., 16(1): 25 (1987); H. platyphyllum.
- pleiostylum C. Rodríguez Jiménez in Mem. Soc. Cienc. Nat. La Salle, 33(94-95): 118 (1973)—Brazil.
- prietoi N.K.B. Robson in Bull. Brit. Mus. (Nat. Hist.), Bot., 16(1): 58 (1987)—Ecuador.
- pumillum
 subsp. diffusum (Rose) N.K.B. Robson in Bull. Brit. Mus. (Nat. Hist.), Bot., 20(1): 131 (1990); H. diffusum.
- radicans N.K.B. Robson in Bull. Brit. Mus. (Nat. Hist.), Bot., 20(1): 24 (1990)—Colombia.
- recurvum N.K.B. Robson in Bull. Brit. Mus. (Nat. Hist.), Bot., 16(1): 68 (1987)—Peru.
- relictum N.K.B. Robson in Bull. Brit. Mus. (Nat. Hist.), Bot., 20(1): 95 (1990)—Colombia.
- rigidum
 subsp. bracteatum N.K.B. Robson in Bull. Brit. Mus. (Nat. Hist.), Bot., 20(1): 55 (1990), nom. nov.; H. rigidum var. brevifolium A. St. Hil.
- subsp. meridionale (Lyman B. Smith) N.K.B. Robson in Bull. Brit. Mus. (Nat. Hist.), Bot., 20(1): 52 (1990); H. meridionale.
- subsp. sellowianum (R. Keller) N.K.B. Robson in Bull. Brit. Mus. (Nat. Hist.), Bot., 20(1): 54 (1990); H. sellowianum.
- rubritinctum N.K.B. Robson in Bull. Brit. Mus. (Nat. Hist.), Bot., 20(1): 33 (1990)—Mexico.
- rumeliacum
 subsp. apollinis (Boiss. & Heldr.) N.K.B. Robson & A. Strid in A. Strid (ed.), Mount. Fl. Greece, 1: 606 (1986); H. apollinis.
- salvadorense N.K.B. Robson in Bull. Brit. Mus. (Nat. Hist.), Bot., 20(1): 79 (1990)—Brazil.
- selaginella N.K.B. Robson in Bull. Brit. Mus. (Nat. Hist.), Bot., 16(1): 102 (1987)—Colombia.
- silenoides
 subsp. minus N.K.B. Robson in Bull. Brit. Mus. (Nat. Hist.), Bot., 20(1): 90 (1990), without type—Galapagos Is.
- simonsii N.K.B. Robson in Bull. Brit. Mus. (Nat. Hist.), Bot., 16(1): 34 (1987)—Colombia.
- sorgerae N.K.B. Robson in Notes Roy. Bot. Gard. Edinburgh, 43(2): 264 (1986)—Turkey.
- sprucei N.K.B. Robson in Bull. Brit. Mus. (Nat. Hist.), Bot., 16(1): 65 (1987)—Ecuador, Peru.
- strictum
 subsp. compactum (Triana & Planchon) N.K.B. Robson in Bull. Brit. Mus. (Nat. Hist.), Bot., 16(1): 85 (1987); H. struthiolifolium γ compactum.
- supinum Clusius ex Vis. in Atti 2 Riun. Sci. Ital.: 175 (1841) et Racc.: 37 (1845); cf. D.J. Mabberley in Taxon, 31(1): 71 (1982)—Locality not stated.
- valleanum N.K.B. Robson in Bull. Brit. Mus. (Nat. Hist.), Bot., 16(1): 64 (1987)—Colombia.
- woodianum N.K.B. Robson in Bull. Brit. Mus. (Nat. Hist.), Bot., 20(1): 25 (1990)—Colombia.

HYPERICUM :-

- wurdackii N.K.B. Robson in Bull. Brit. Mus. (Nat. Hist.), Bot., 16(1): 69 (1987)—Peru.

HYPERTHELIA (Gramin.).

- kottoensis B.-M. Descoings & M. Mazade in Bull. Soc. Bot. France, Lett. Bot., 134(2): 203 (1987)—Central African Republic.

HYPOBATHRUM (Rubiac.).

- longifolium (DC.) K.M. Wong in Tree Fl. Malaya, 4: 354 (1989); Petunga longifolia.
 var. hirta (Ridl.) K.M. Wong in Tree Fl. Malaya, 4: 354 (1989); Petunga hirta.
 venulosum (Hk. f.) K.M. Wong in Tree Fl. Malaya, 4: 355 (1989); Petunga venulosa.

HYPODISCUS (Restionac.).

- laevigatus (Kunth) H.P. Linder in Bothalia, 15(3-4): 489 (1985); Boeckhia laevigata.
 montanus E.E. Esterhuysen in Bothalia, 15(3-4): 489 (1985)—South Africa (Cape Province).
 procurrens E.E. Esterhuysen in Bothalia, 15(3-4): 490 (1985)—South Africa (Cape Province).
 squamosus E.E. Esterhuysen in Bothalia, 15(3-4): 492 (1985)—South Africa (Cape Province).

HYPOESTES (Acanthac.).

- floribunda
 var. cinerea R.M. Barker in J. Adelaide Bot. Gard., 9: 214 (1986)—Australia (N. Terr., Queensland).
 var. neoguineensis R.M. Barker in J. Adelaide Bot. Gard., 9: 211 (1986)—New Guinea (Papua New Guinea).
 var. suaveolens (Gardner) R.M. Barker in J. Adelaide Bot. Gard., 9: 223 (1986); H. suaveolens.
 var. varia R.M. Barker in J. Adelaide Bot. Gard., 9: 216 (1986)—Australia (N. Terr., W. Australia).
 var. velutina R.M. Barker in J. Adelaide Bot. Gard., 9: 209 (1986)—Australia (Queensland).
 var. yorkensis R.M. Barker in J. Adelaide Bot. Gard., 9: 212 (1986)—Australia (Queensland).
- forskaolii (Vahl) R. Brown in H. Salt, Boy. Abyss., Appendix: lxiii (1814), as 'forskalei'; cf. D.J. Mabberley in Bot. Macaronesica, 6: 64 (1980), as 'forskalei'; Justicia forskaolii.
- sparsiflora R.M. Barker in J. Adelaide Bot. Gard., 9: 197 (1986)—Australia (W. Australia).

HYPOGOMPHIA (Labiata).

- purpurea (Regel) Vved. ex T.F. Kochkareva in Fl. Tadzhikskoi SSR, 8: 171 (1986); H. turkestanica δ .
 purpurea.

HYPOXIS (Hypoxidac.).

- arillacea R.J.F. Henderson in Fl. Australia, 45: 487, 181 (1987)—Australia (Queensland).
 exilis R.J.F. Henderson in Fl. Australia, 45: 487, 182 (1987)—Australia (Victoria, New South Wales).
 gardneri R.J.F. Henderson in Fl. Australia, 45: 487, 190 (1987)—Australia (W. Australia).
- glabella
 var. leptantha (Benth.) R.J.F. Henderson in Fl. Australia, 45: 488 (1987); H. leptantha.
 gracilis J.G.C. Lehmann in Sem. Hort. Bot. Hamb.: 17 (1826)—Locality not stated.†
- hygrometrica
 var. splendida R.J.F. Henderson in Fl. Australia, 45: 488, 184 (1987)—Australia (Victoria, New South Wales).
- var. villosisepala R.J.F. Henderson in Fl. Australia, 45: 488, 184 (1987)—Australia (Victoria, Queensland, New South Wales), Tasmania.
- limicola B.L. Burt in Notes Roy. Bot. Gard. Edinburgh, 45(2): 188 (1988 publ. 1989)—South Africa (Transvaal), Swaziland.
- lucens R. McVaugh, Fl. Novo-Galiciana, 15: 225 (1989)—Mexico.
- nervosa R.J.F. Henderson in Fl. Australia, 45: 489, 181 (1987)—Australia (W. Australia, N. Terr.).
- occidentalis
 var. quadriloba (F. Muell.) R.J.F. Henderson in Fl. Australia, 45: 489 (1987); H. glabella var. quadriloba.

HYPOXIS :-

- parvula
 var. albiflora B.L. Burt in Notes Roy. Bot. Gard. Edinburgh, 45(2): 190 (1988 publ. 1989)—South Africa (Natal).
- pratensis
 var. tuberculata R.J.F. Henderson in Fl. Australia, 45: 489, 185 (1987)—Australia (Queensland, New South Wales).
- spicata C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14: 326 (1784)—Japan.†
- vaginata
 var. brevistigmata R.J.F. Henderson in Fl. Australia, 45: 490, 189 (1987)—Australia (Victoria, New South Wales), Tasmania.

HYPTIDENDRON R.M. Harley in Bot. J. Linn. Soc., 98(2): 90 (1988). LABIATAE.

- sect. Umbellaria (Benth.) R.M. Harley in Bot. J. Linn. Soc., 98(2): 93 (1988); Hyptis sect. Umbellaria.
 amethystoides (Benth.) R.M. Harley in Bot. J. Linn. Soc., 98(2): 94 (1988); Hyptis amethystoides.
 arborea (Benth.) R.M. Harley in Bot. J. Linn. Soc., 98(2): 93 (1988); Hyptis arborea.
 arbusculum (Epling) R.M. Harley in Bot. J. Linn. Soc., 98(2): 94 (1988); Hyptis arbuscula.
 asperrimum (Sprengel) R.M. Harley in Bot. J. Linn. Soc., 98(2): 93 (1988); Cordia asperrima.
 canum (Pohl ex Benth.) R.M. Harley in Bot. J. Linn. Soc., 98(2): 93 (1988); Hyptis cana.
 caudatum (Epling & Játiva) R.M. Harley in Bot. J. Linn. Soc., 98(2): 94 (1988); Hyptis caudata.
 clausenii (Benth.) R.M. Harley in Bot. J. Linn. Soc., 98(2): 94 (1988); Hyptis clausenii.
 conspersum (Benth.) R.M. Harley in Bot. J. Linn. Soc., 98(2): 93 (1988); Hyptis conspersa.
 dictiocalyx (Benth.) R.M. Harley in Bot. J. Linn. Soc., 98(2): 94 (1988); Hyptis dictiocalyx.
 glutinosum (Benth.) R.M. Harley in Bot. J. Linn. Soc., 98(2): 93 (1988); Hyptis glutinosa.
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 var. bracteifera (Ducke) L. Cárdenas in *Ernstia*, 51: 1 (1989): I. speciosa var. bracteifera.
 var. lomatophylla (Benth.) L. Cárdenas in *Ernstia*, 51: 1 (1989): I. speciosa var. lomatophylla.
 var. membranacea (Ducke) L. Cárdenas in *Ernstia*, 51: 1 (1989): I. speciosa var. membranacea.
 andersonii R. McVaugh, *Fl. Novo-Galiciana*, 5: 178 (1987)—Mexico.
 faeculifera W. Hamilton, *Circ. Desir. W. Ind. Pl.*: 1 (1824); cf. D.J. Maberley in *Bot. Macaronesica*, 6: 65 (1980)—Hispaniola.
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 conyza
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 macrolepis A. Bunge, *Beitr. Fl. Russl.*: 154 (1852)—U.S.S.R. (Middle Asia).†
 macrophylla C.C. Gmel., *Hort. Mag. Duc. Bad. Carlsruh.*: 145 (1811); cf. D.J. Maberley in *Taxon*, 33(3): 440 (1984)—Locality not stated.
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 sechmenii *P. Hartvoig & A. Strid in Bot. Jahrb.*, 108(2-3): 307 (1987)—Turkey.
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 brownii (*Hochreut.*) *M. Källersjö in Nordic J. Bot.*, 5(6): 540 (1985 publ. 1986), without basionym ref.: *Athanasia brownii*.
 calva (*Hutch.*) *M. Källersjö in Nordic J. Bot.*, 5(6): 540 (1985 publ. 1986): *Athanasia calva*.
 coronopifolia (*Harv.*) *M. Källersjö in Nordic J. Bot.*, 5(6): 540 (1985 publ. 1986): *Athanasia coronopifolia*.
 dregeana (*DC.*) *M. Källersjö in Nordic J. Bot.*, 5(6): 540 (1985 publ. 1986): *Hymenolepis dregeana*.
 leucoclada (*DC.*) *M. Källersjö in Nordic J. Bot.*, 5(6): 540 (1985 publ. 1986): *Hymenolepis leucoclada*.
 montana (*Wood*) *M. Källersjö in Nordic J. Bot.*, 5(6): 540 (1985 publ. 1986), incorrect basionym page (10 in error for 171): *Athanasia montana*.
 nuda *M. Källersjö in Nordic J. Bot.*, 5(6): 540 (1985 publ. 1986), nom. nov.: *Pentzia schistostephioides Taylor*.
 schistostephioides (*Hiern*) *M. Källersjö in Nordic J. Bot.*, 5(6): 540 (1985 publ. 1986): *Athanasia schistostephioides*.
 thodei (*Bolus*) *M. Källersjö in Nordic J. Bot.*, 5(6): 540 (1985 publ. 1986): *Athanasia thodei*.
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 confertiflorum (*Miers*) *A.T. Hunziker in Kurtziana*, 15: 100 (1982): *Acnistus confertiflorus*.
 umbellatum (*Ruiz & Pavon*) *A.T. Hunziker in Kurtziana*, 15: 101 (1982): *Lycium umbellatum*.
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 antonschmidii *R.W. Johnson in Austrobaileya*, 2(3): 217 (1986)—Australia (Queensland).
 argillicola *R.W. Johnson in Austrobaileya*, 2(3): 217 (1986)—Australia (Queensland, N. Terr.).
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 barteri
 var. longisepala *J. Lejoly & S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 380 (1986)—Zaire.
 batatas
 var. apiculata (*Martens & Galeotti*) *J.A. McDonald & D.F. Austin in Brittonia*, 42(2): 118 (1990): *I. apiculata*.
 bracteata
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 classeniana *Huber, Cat. Gén. 1870 & 1871*: 7 (1870); cf. *D.J. Mabberley in Taxon*, 34(3): 452 (1985)—Locality not stated.
 cordatotriloba
 var. australis (*O'Donell*) *D.F. Austin in Taxon*, 37(1): 185 (1988): *I. trichocarpa* var. *australis*.
 var. torreyana (*Gray*) *D.F. Austin in Taxon*, 37(1): 185 (1988): *I. trifida* var. *torreyana*.
 deccana
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 duvigneaudii *J. Lejoly & S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 374 (1986)—Zaire.
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 fulva *Bertol., Hort. Bot. Bonon.*, 1826: 5 (1826) et *Giorn. Arcad.*, 29: 343 (1826); cf. *D.J. Mabberley in Taxon*, 32(1): 82 (1983)—Locality not stated.
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 lapathifolia
 subsp. shabensis *J. Lejoly & S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 378 (1986)—Zaire.
 linosepala
 subsp. kundelungensis *J. Lejoly & S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 379 (1986)—Zaire.
 subsp. upembensis *J. Lejoly & S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 380 (1986)—Zaire.
 lottiae *J.A. McDonald in Biotica*, 12(3): 219 (1987)—Mexico.
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 marginata (*Desr.*) *B. Verdcourt in Kew Bull.*, 42(3): 658 (1987), isonym see *H. Manitz in Feddes Repert.*, 85(9-10): 638 (1974): *Convolvulus marginatus*.
 miquihuanensis *J.A. McDonald in Brittonia*, 39(1): 110 (1987)—Mexico.
 oculata *Huber, Cat. Gén. 1871 & 1872*: 3 (1871); cf. *D.J. Mabberley in Taxon*, 34(3): 451 (1985)—Locality not stated.
 papillosa *Bertol., Hort. Bot. Bonon.*, 1826: 5 (1826) et *Giorn. Arcad.*, 29: 343 (1826); cf. *D.J. Mabberley in Taxon*, 32(1): 82 (1983)—Brazil.
 polpha *R.W. Johnson in Austrobaileya*, 2(3): 220 (1986)—Australia (Queensland).
 praematura *J.E. Eckenwalder in Brittonia*, 41(1): 75 (1989)—Windward Is., Trinidad, Guyana, Colombia.
 reflexisepala *J. Lejoly & S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 375 (1986)—Zaire.
 robyniana *J. Lejoly & S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 376 (1986)—Zaire.
 rotundifolia (*Schrank*) *Germain, Verz. Pf. Bot. Gart. Kais. Univ. Dorpat*, 1807: 75 (1807); cf. *D.J. Mabberley in Taxon*, 32(1): 85 (1983): *Convolvulus rotundifolius*.
 saintronanensis *R.W. Johnson in Austrobaileya*, 2(3): 222 (1986)—Australia (Queensland).
 schajiesii *J. Lejoly & S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 58(3-4): 554 (1988)—Zaire.
 tabascana *J.A. McDonald & D.F. Austin in Brittonia*, 42(2): 116 (1990)—Mexico.
 truncata *Roelz in Deut. Gärt.-Zeit.*, 1881; *Belgique horticole*, 33: 135 (1883); cf. *D.J. Mabberley in Taxon*, 34(3): 454 (1985)—Locality not stated.
 verdcourtiiana *J. Lejoly & S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 377 (1986)—Zaire.
 zimmermannii *J.A. McDonald in Brittonia*, 39(1): 108 (1987)—Mexico.
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 aggregata
 subsp. carmenensis *J. Henrickson in Aliso*, 11(4): 591 (1987)—Mexico.
 subsp. collina (*Greene*) *D.H. Wilken & S.T. Allard in Syst. Bot.*, 11(1): 11 (1986): *Callisteris collina*.
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 tenuituba
 subsp. latiloba *V. Grant & D.H. Wilken in Bot. Gaz.*, 149(4): 446 (1988)—U.S.A. (Arizona, Utah).
 subsp. macrosiphon (*Kearney & Peebles*) *V. Grant & D.H. Wilken in Bot. Gaz.*, 149(4): 447 (1988): *Gilia aggregata* var. *macrosiphon*.
 wendtii *J. Henrickson in Aliso*, 11(4): 589 (1987)—Mexico.
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 oligolepis (*Boiss.*) *B. Nordenstam in Fl. Iran.*, 164: 54 (1989): *Senecio oligolepis*.
- IRANECIO** :-
 othonnae (*M.B.*) *B. Nordenstam in Fl. Iran.*, 164: 58 (1989): *Senecio othonnae*.
 paucilobus (*DC.*) *B. Nordenstam in Fl. Iran.*, 164: 56 (1989): *Senecio paucilobus*.
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 var. macrophylla (*Griseb.*) *T.M. Pedersen in Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 12(1): 88 (1990): *I. celosioides* var. *macrophylla*.
 var. spiculigera (*Seubert*) *U. Eliasson in Fl. Ecuador*, 28(44): 124 (1987): *I. spiculigera*.
 leptoclada (*Hook. f.*) *J. Henrickson & S. Sundberg in Aliso*, 11(3): 360 (1986): *Dicraurus leptocladus*.
 pedicellata *U. Eliasson in Fl. Ecuador*, 28(44): 116 (1987)—Ecuador.
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 sect. *Haloiris* *V.M. Doron'kin in Bot. Zhurn.*, 75(3): 412 (1990).
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 ser. *Ludwigia* *V.M. Doron'kin in Bot. Zhurn.*, 75(3): 413 (1990).
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 sect. *Ventricosae* (*Rodion.*) *V.M. Doron'kin in Bot. Zhurn.*, 75(3): 413 (1990): *I. ser. Ventricosae*.
 subsect. *Xyphophyllae* *O.A. Amekhin in Bot. Zhurn.*, 73(11): 1599 (1988).
 ser. *Xyphophyllae* (*Amechin*) *V.M. Doron'kin in Bot. Zhurn.*, 75(3): 411 (1990): *I. subsect. Xyphophyllae*.
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 falcifolia *A. Bunge, Beitr. Fl. Russl.*: 329 (1852)—U.S.S.R. (Middle Asia).†
 filifolia *A. Bunge, Beitr. Fl. Russl.*: 330 (1852)—U.S.S.R. (Middle Asia).†
 histrio
 subsp. *aintabensis* (*G.P. Baker*) *B. Mathew in Davis & Hedge Festschrift (ed. Kit Tan)*: 97 (1989): *A. histrio* var. *aintabensis*.
 ivanovae *V.M. Doron'kin in Fl. Sibir. (Arac.-Orchidac.)*: 117 (1987)—U.S.S.R. (Siberia), China, Mongolia.
 lortetii
 var. *samariae* (*Dinsmore*) *N. Feinbrun-Dothan, Fl. Palaestina*, 4: 121 (1986): *I. samariae*.
 missuriensis *Mertens, Hort. Leeuwen.*, 1840; cf. *D.J. Mabberley in Taxon*, 33(3): 442 (1984)—Locality not stated.
 paradoxa
 subsp. *choschab* (*Baker*) *B.D. Gavrilenko in Zam. Sist. Geogr. Rast.*, 41: 75 (1986), without basionym ref.: *I. paradoxa* var. *choschab*.
 pariensis *S.L. Welsh in Great Basin Nat.*, 46(2): 256 (1986)—U.S.A. (Utah).
 potaninii
 var. *arenaria* *V.M. Doron'kin in Bot. Zhurn.*, 75(3): 415 (1990)—U.S.S.R. (Siberia).
 pseudonotha *A.I. Galushko in A.I. Galushko (ed.), Fl. Severn. Kavkaza i Voprosy ee istorii*: 9 (1983)—U.S.S.R. (Caucasus).
 ruthenica
 subsp. *brevituba* (*Maxim.*) *V.M. Doron'kin in Fl. Sibir. (Arac.-Orchidac.)*: 121 (1987): *I. ruthenica* var. *brevituba*.

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- sanguinea
f. tetrapetala V.M. Doron'kin in *Bot. Zhurn.*, 75(3): 410 (1990)—U.S.S.R. (Siberia).
 sogdiana A. Bunge, *Beitr. Fl. Russl.*: 331 (1852)—U.S.S.R. (Middle Asia).†
 taurica
var. angustissima V.M. Ostapko in *Intro. i Akklimatiz. Rast.*, 12: 33 (1989)—U.S.S.R. (Ukraine).
var. brevifolia V.M. Ostapko in *Intro. i Akklimatiz. Rast.*, 12: 33 (1989), without type—U.S.S.R. (Ukraine).
 unguicularis
var. angustifolia (Boiss. & Heldr.) A.P. Davis & S.L. Jury in *Bot. J. Linn. Soc.*, 103(3): 296 (1990): *I. stylosa* var. *angustifolia*.
subsp. carica (W. Schultz) A.P. Davis & S.L. Jury in *Bot. J. Linn. Soc.*, 103(3): 295 (1990): *Siphonostylis cretensis* subsp. *carica*.
var. carica (W. Schultz) A.P. Davis & S.L. Jury in *Bot. J. Linn. Soc.*, 103(3): 295 (1990): *Siphonostylis cretensis* subsp. *carica*.
subsp. cretensis (Janka) A.P. Davis & S.L. Jury in *Bot. J. Linn. Soc.*, 103(3): 294 (1990): *I. cretensis*.
var. syriaca (W. Schultz) A.P. Davis & S.L. Jury in *Bot. J. Linn. Soc.*, 103(3): 297 (1990): *Siphonostylis cretensis* subsp. *syriaca*.
 vorobievii N.S. Pavlova in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 2: 424 (1987)—U.S.S.R. (Soviet Far East).

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 pratensis (H.B.K.) L. Cobb & P.J.M. Maas in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 86(2): 132 (1983): *Lisianthus pratensis*.

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- goiasensis S.A. Renvoize in *Kew Bull.*, 42(4): 928 (1987)—Brazil.
 henryi S.R. Srinivasan & P.V. Sreekumar in *J. Bombay Nat. Hist. Soc.*, 84(3): 647 (1987 publ. 1988)—India.
 kunthiana
subsp. nudiglumis (Hackel) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 511 (1987): *I. myosotis* var. *nudiglumis*.
 veldkampii K.G. Bhat & C.R. Nagendran in *Curr. Sci.*, 52(6): 258 (1983)—India.

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 demiriziana *Misirdali* ex P.H. Davis, R.R. Mill & Küt Tan in *Fl. Turkey & E. Aegean Is.*, 10: 234, 32 (1988)—Turkey.
 mardinensis P.H. Davis & *Misirdali* in *Fl. Turkey & E. Aegean Is.*, 10: 234, 33 (1988)—Turkey.
 tinctoria
subsp. athoa (Boiss.) K. Papanicolaou in A. Strid (ed.), *Mount. Fl. Greece*, 1: 238 (1986): *I. athoa*.

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- agastyamalayanum P.V. Sreekumar, M.K. Janarthanam & A.N. Henry in *J. Bombay Nat. Hist. Soc.*, 84(3): 643 (1987 publ. 1988)—India.
 albopilosum B.K. Simon in *Austrobaileya*, 3(1): 86 (1989)—Australia (W. Australia).
 aristatum
subsp. glaucum (Honda) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 512 (1987): *I. crassipes* var. *glaucum*.
 tropicum B.K. Simon in *Austrobaileya*, 3(1): 88 (1989)—Australia (N. Terr., Queensland), New Guinea (Papua New Guinea).

ISCHYROLEPIS (Restionac.).

- affinis E.E. Esterhuysen in *Bothalia*, 15(3-4): 401 (1985)—South Africa (Cape Province).
 arida (Pillans) H.P. Linder in *Bothalia*, 15(3-4): 402 (1985): *Restio aridus*.
 caespitosa E.E. Esterhuysen in *Bothalia*, 15(3-4): 402 (1985)—South Africa (Cape Province).

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- capensis (L.) H.P. Linder in *Bothalia*, 15(3-4): 402 (1985): *Schoenus capensis*.
 cinnnata (Mast.) H.P. Linder in *Bothalia*, 15(3-4): 403 (1985): *Restio cinnnatus*.
 coactilis (Mast.) H.P. Linder in *Bothalia*, 15(3-4): 403 (1985): *Restio coactilis*.
 curvibracteata E.E. Esterhuysen in *Bothalia*, 15(3-4): 403 (1985)—South Africa (Cape Province).
 curviramis (Kunth) H.P. Linder in *Bothalia*, 15(3-4): 404 (1985): *Restio curviramis*.
 distracta (Mast.) H.P. Linder in *Bothalia*, 15(3-4): 404 (1985): *Restio distractus*.
 duthieae (Pillans) H.P. Linder in *Bothalia*, 15(3-4): 404 (1985): *Restio duthieae*.
 eleocharis (Mast.) H.P. Linder in *Bothalia*, 15(3-4): 404 (1985): *Restio eleocharis*.
 esterhuyseniae (Pillans) H.P. Linder in *Bothalia*, 15(3-4): 404 (1985): *Restio esterhuyseniae*.
 feminea E.E. Esterhuysen in *Bothalia*, 15(3-4): 404 (1985)—South Africa (Cape Province).
 fraterna (Kunth) H.P. Linder in *Bothalia*, 15(3-4): 405 (1985): *Restio fraternus*.
 fuscidula (Pillans) H.P. Linder in *Bothalia*, 15(3-4): 405 (1985): *Restio fuscidulus*.
 gaudichaudiana (Kunth) H.P. Linder in *Bothalia*, 15(3-4): 405 (1985): *Restio gaudichaudianus*.
 gossypina (Mast.) H.P. Linder in *Bothalia*, 15(3-4): 405 (1985): *Restio gossypinus*.
 helenae (Mast.) H.P. Linder in *Bothalia*, 15(3-4): 406 (1985): *Restio helenae*.
 hystrix (Mast.) H.P. Linder in *Bothalia*, 15(3-4): 406 (1985): *Restio hystrix*.
 karooica E.E. Esterhuysen in *Bothalia*, 15(3-4): 406 (1985)—South Africa (Cape Province).
 laniger (Kunth) H.P. Linder in *Bothalia*, 15(3-4): 406 (1985): *Restio laniger*.
 leptocladus (Mast.) H.P. Linder in *Bothalia*, 15(3-4): 407 (1985): *Restio leptocladus*.
 longiaristata Pillans ex H.P. Linder in *Bothalia*, 15(3-4): 407 (1985)—South Africa (Cape Province).
 macer (Kunth) H.P. Linder in *Bothalia*, 15(3-4): 407 (1985): *Restio macer*.
 marlothii (Pillans) H.P. Linder in *Bothalia*, 15(3-4): 407 (1985): *Restio marlothii*.
 monanthos (Mast.) H.P. Linder in *Bothalia*, 15(3-4): 407 (1985): *Restio monanthos*.
 nana E.E. Esterhuysen in *Bothalia*, 15(3-4): 409 (1985)—South Africa (Cape Province).
 nubigena E.E. Esterhuysen in *Bothalia*, 15(3-4): 409 (1985)—South Africa (Cape Province).
 ocreata (Kunth) H.P. Linder in *Bothalia*, 15(3-4): 410 (1985): *Restio ocreatus*.
 paludosa (Pillans) H.P. Linder in *Bothalia*, 15(3-4): 410 (1985): *Restio paludosus*.
 papillosa E.E. Esterhuysen in *Bothalia*, 15(3-4): 410 (1985)—South Africa (Cape Province).
 pratensis E.E. Esterhuysen in *Bothalia*, 15(3-4): 411 (1985)—South Africa (Cape Province).
 pygmaea (Pillans) H.P. Linder in *Bothalia*, 15(3-4): 413 (1985): *Restio pygmaeus*.
 rivula E.E. Esterhuysen in *Bothalia*, 15(3-4): 413 (1985)—South Africa (Cape Province).
 rottboellioides (Kunth) H.P. Linder in *Bothalia*, 15(3-4): 413 (1985): *Restio rottboellioides*.
 sabulosa (Pillans) H.P. Linder in *Bothalia*, 15(3-4): 413 (1985): *Restio sabulosus*.
 saxatilis E.E. Esterhuysen in *S. Afr. J. Bot.*, 56(4): 456 (1990)—South Africa (Cape Province).
 schoenoides (Kunth) H.P. Linder in *Bothalia*, 15(3-4): 413 (1985): *Restio schoenoides*.
 setiger (Kunth) H.P. Linder in *Bothalia*, 15(3-4): 413 (1985): *Restio setiger*.
 sieberi (Kunth) H.P. Linder in *Bothalia*, 15(3-4): 414 (1985): *Restio sieberi*.
 sporadica E.E. Esterhuysen in *Bothalia*, 15(3-4): 414 (1985)—South Africa (Cape Province).
 tenuissima (Kunth) H.P. Linder in *Bothalia*, 15(3-4): 415 (1985): *Restio tenuissimus*.
 triflora (Rottb.) H.P. Linder in *Bothalia*, 15(3-4): 415 (1985): *Restio triflorus*.
 unispicata H.P. Linder in *Bothalia*, 15(3-4): 415 (1985)—South Africa (Cape Province).
 vilis (Kunth) H.P. Linder in *Bothalia*, 15(3-4): 417 (1985): *Restio vilis*.
 virgea (Mast.) H.P. Linder in *Bothalia*, 15(3-4): 417 (1985): *Restio virgeus*.

ISCHYROLEPIS :-

- wallichii (Mast.) H.P. Linder in *Bothalia*, 15(3-4): 417 (1985): *Restio wallichii*.
 wittebergensis E.E. Esterhuysen in *Bothalia*, 15(3-4): 417 (1985)—South Africa (Cape Province).

ISIDOREA (Rubiace.).

- gonavensis A. Aiello & A. Borhidi in *Acta Bot. Hung.*, 32(1-4): 221 (1986)—Hispaniola (Haiti).
 veris Ekman ex A. Aiello & A. Borhidi in *Acta Bot. Hung.*, 32(1-4): 222 (1986)—Hispaniola (Dominican Republic).

ISOCOMA (Compos.).

- acradenia
subsp. eremophila (Greene) R.M. Beauchamp in *Phytologia*, 59(7): 437 (1986): *I. eremophila*.
 veneta
var. furfuracea (Greene) R.M. Beauchamp in *Phytologia*, 59(7): 437 (1986): *Biglovia furfuracea*.
var. oxyphylla (Greene) R.M. Beauchamp in *Phytologia*, 59(7): 438 (1986): *I. oxyphylla*.

ISODON (Labiata.).

- sect. *Amethystoides* (Bentham) H.W. Li in *J. Arnold Arbor.*, 69(4): 299 (1988): *Plectranthus* sect. *Amethystoides*.
 ser. *Coetsae* (Briq.) H.W. Li in *J. Arnold Arbor.*, 69(4): 367 (1988): *Plectranthus* ser. *Coetsae*.
 ser. *Excisi* (C.Y. Wu & H.W. Li) H.W. Li in *J. Arnold Arbor.*, 69(4): 317 (1988): *Rabdosia* ser. *Excisae*.
 ser. *Gerardiani* (Briq.) H.W. Li in *J. Arnold Arbor.*, 69(4): 319 (1988): *Plectranthus* ser. *Gerardiani*.
 ser. *Longitubi* (C.Y. Wu & H.W. Li) H.W. Li in *J. Arnold Arbor.*, 69(4): 308 (1988): *Rabdosia* ser. *Longitubae*.
 ser. *Macrocalyces* (C.Y. Wu & H.W. Li) H.W. Li in *J. Arnold Arbor.*, 69(4): 377 (1988): *Rabdosia* ser. *Macrocalyces*.
 ser. *Megathyrsi* (C.Y. Wu & H.W. Li) H.W. Li in *J. Arnold Arbor.*, 69(4): 373 (1988): *Rabdosia* ser. *Megathyrsae*.
 sect. *Melissoides* (Bentham) H.W. Li in *J. Arnold Arbor.*, 69(4): 388 (1988): *Plectranthus* sect. *Melissoides*.
 ser. *Pleiophylli* (C.Y. Wu & H.W. Li) H.W. Li in *J. Arnold Arbor.*, 69(4): 353 (1988): *Rabdosia* ser. *Pleiophyllae*.
 sect. *Pyramidium* (Bentham) H.W. Li in *J. Arnold Arbor.*, 69(4): 292 (1988): *Plectranthus* sect. *Pyramidium*.
 ser. *Rugosi* (Briq.) H.W. Li in *J. Arnold Arbor.*, 69(4): 336 (1988): *Plectranthus* ser. *Rugosi*.
 ser. *Scrophularioides* (Briq.) H.W. Li in *J. Arnold Arbor.*, 69(4): 384 (1988): *Plectranthus* ser. *Scrophularioides*.
 ser. *Setschwanenses* (C.Y. Wu & H.W. Li) H.W. Li in *J. Arnold Arbor.*, 69(4): 360 (1988): *Rabdosia* ser. *Setschwanenses*.
 angustifolius
var. glabrescens (C.Y. Wu & H.W. Li) H.W. Li in *J. Arnold Arbor.*, 69(4): 366 (1988): *Rabdosia angustifolia* var. *glabrescens*.
 barbeyanus (Léveillé) H.W. Li in *J. Arnold Arbor.*, 69(4): 362 (1988): *Leucas barbeyana*.
 brevifolius (Hand.-Mazz.) H.W. Li in *J. Arnold Arbor.*, 69(4): 296 (1988): *Plectranthus brevifolius*.
 calcolus
var. subcalvus (Hand.-Mazz.) H.W. Li in *J. Arnold Arbor.*, 69(4): 323 (1988): *Plectranthus calcolus* var. *subcalvus*.
 calycinus (Bentham) H.W. Li in *J. Arnold Arbor.*, 69(4): 293 (1988): *Plectranthus calycinus*.
 coetsa
var. cavaleriei (Léveillé) H.W. Li in *J. Arnold Arbor.*, 69(4): 371 (1988): *Plectranthus cavaleriei*.
 effusus (Maxim.) H.W. Li in *J. Arnold Arbor.*, 69(4): 311 (1988): *Plectranthus longitubus* var. *effusus*.
 enanderianus (Hand.-Mazz.) H.W. Li in *J. Arnold Arbor.*, 69(4): 295 (1988): *Plectranthus enanderianus*.
 grandifolius
var. atuntzeensis (C.Y. Wu) H.W. Li in *J. Arnold Arbor.*, 69(4): 342 (1988): *Rabdosia grandifolia* var. *atuntzeensis*.
 hians (Bentham) H.W. Li in *J. Arnold Arbor.*, 69(4): 328 (1988): *Plectranthus hians*.

ISODON :-

- japonicus
var. glaucocalyx (Maxim.) H.W. Li in *J. Arnold Arbor.*, 69(4): 307 (1988); *Plectranthus glaucocalyx*.
javanicus (Blume) H.W. Li in *J. Arnold Arbor.*, 69(4): 330 (1988); *Elsholtzia javanica*.
lophanthoides (Ham. ex D. Don) B.N. Mehrotra & B.S. Aswal in *J. Econ. Taxon. Bot.*, 6(3): 612 (1985), without basionym ref.: *Hyssopus lophanthoides*.
var. micranthus (C.Y. Wu) H.W. Li in *J. Arnold Arbor.*, 69(4): 336 (1988); *Rabdosia lophanthoides* var. *micrantha*.
megathyrsus (Diels) H.W. Li in *J. Arnold Arbor.*, 69(4): 374 (1988); *Plectranthus megathyrsus*.
var. strigosissimus (C.Y. Wu & H.W. Li) H.W. Li in *J. Arnold Arbor.*, 69(4): 375 (1988); *Rabdosia megathyrsus* var. *strigosissima*.
pantadenius (Hand.-Mazz.) H.W. Li in *J. Arnold Arbor.*, 69(4): 298 (1988); *Plectranthus pantadenius*.
pleiophyllus
var. dolichodens (C.Y. Wu & H.W. Li) H.W. Li in *J. Arnold Arbor.*, 69(4): 360 (1988); *Rabdosia pleiophylla* var. *dolichodens*.
pulchokiensis (Murata) H.W. Li in *J. Arnold Arbor.*, 69(4): 332 (1988); *Rabdosia pulchokiensis*.
racemosus (Hemsley) H.W. Li in *J. Arnold Arbor.*, 69(4): 377 (1988); *Plectranthus racemosus*.
silvaticus (C.Y. Wu & H.W. Li) H.W. Li in *J. Arnold Arbor.*, 69(4): 358 (1988); *Rabdosia silvatica*.
teysmannii (Miq.) H.W. Li in *J. Arnold Arbor.*, 69(4): 332 (1988); *Plectranthus teysmannii*.

ISOGLOSSA (Acanthac.).

- eranthemoides (F. Muell.) R.M. Barker in *J. Adelaide Bot. Gard.*, 9: 229 (1986); *Justicia eranthemoides*.

ISOLEPIS (Cyperac.).

- angelica B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 362 (1986)—Lesotho, South Africa (Cape Province).
costata
var. macra (Boeck.) B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 363 (1986); *Scirpus macer*.
distigmatosa (C.B. Clarke) E. Edgar in *New Zealand J. Bot.*, 25(1): 159 (1987); *Scirpus sulcatus* var. *distigmatosus*.
pellocolea B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 363 (1986)—South Africa (Natal).

ISOMETRUM (Gesneriac.).

- sect. *Chorianthera* W.T. Wang & K.Y. Pan in *Acta Phytotax. Sin.*, 26(6): 432 (1988).
sect. *Pachysiphon* K.Y. Pan in *Acta Bot. Yunnanica*, 8(1): 26 (1986).
crenatum K.Y. Pan in *Acta Bot. Yunnanica*, 8(1): 27 (1986)—China.
eximium Chun ex K.Y. Pan in *Acta Phytotax. Sin.*, 26(6): 432 (1988)—China.
lancifolium (Franch.) K.Y. Pan in *Acta Bot. Yunnanica*, 8(1): 30 (1986); *Didissandra lancifolium*.
var. mucronatum K.Y. Pan in *Acta Bot. Yunnanica*, 8(1): 30 (1986)—China.
var. tsingchengshanicum W.T. Wang & K.Y. Pan in *Acta Bot. Yunnanica*, 8(1): 30 (1986)—China.
lungshengense (W.T. Wang) W.T. Wang & K.Y. Pan in *Fl. Reipubl. Popul. Sin.*, 69: 187 (1990); *Opithandra lungshengensis*.
pinnatilobatum K.Y. Pan in *Acta Bot. Yunnanica*, 8(1): 34 (1986)—China.
sichuanicum K.Y. Pan in *Acta Bot. Yunnanica*, 8(1): 33 (1986)—China.
villosum K.Y. Pan in *Acta Bot. Yunnanica*, 8(1): 31 (1986)—China.

ISONANDRA (Sapotac.).

- perrottetiana
var. anaimalaiana Rakēsh Kumari & K. Thothathri in *Indian J. Forest.*, 13(1): 61 (1990)—India.

ISOTROPIS (Legumin.).

- foliosa M.D. Crisp in *Austrobaileya*, 2(4): 412 (1987)—Australia (Queensland).

ITEA (Escalloniac.).

- quzhouensis H.T. Chang & Y.K. Li in *Acta Sci. Nat. Univ. Sunyatseni*, 1987(2): 43 (1987)—China.

ITEADAPHNE (Laurac.).

- caudata (Nees) H.W. Li in *Acta Bot. Yunnanica*, 7(2): 132 (1985); *Daphnidium caudatum*.

ITI P.J. Garnock-Jones & P.N. Johnson in *New Zealand J. Bot.*, 25(4): 603 (1987 publ. 1988). **CRUCIFERAE.**

- lacustris P.J. Garnock-Jones & P.N. Johnson in *New Zealand J. Bot.*, 25(4): 603 (1987 publ. 1988)—New Zealand.

ITOA (Flacourtiac.).

- orientalis
var. glabrescens C.Y. Wu ex G.S. Fan in *J. Wuhan Bot. Res.*, 8(2): 137 (1990)—China.

ITYSA P. Ravenna in *Nordic J. Bot.*, 6(5): 582 (1986). **IRIDACEAE.**

- gardneri (Bak.) P. Ravenna in *Nordic J. Bot.*, 6(5): 582 (1986); *Calydorea gardneri*.
venezolensis P. Ravenna in *Nordic J. Bot.*, 6(5): 584 (1986)—Venezuela.

IVA (Compos.).

- ambrosiifolia
var. lobata (Rydb.) B.L. Turner in *Phytologia*, 69(1): 15 (1990); *Cyclachaena lobata*.

IVESIA (Rosac.).

- aperta
var. canina B. Ertter in *Brittonia*, 40(4): 398 (1988)—U.S.A. (California).
arizonica (Eastw. ex J.T. Howell) B. Ertter in *Syst. Bot.*, 14(2): 233 (1989); *Purpusia arizonica*.
var. saxosa (T.S. Brandege) B. Ertter in *Syst. Bot.*, 14(2): 233 (1989); *Purpusia saxosa*.
baileyi
var. beneolens (Nelson & J.F. Macbr.) B. Ertter in *Syst. Bot.*, 14(2): 236 (1989); *Horkelia beneolens*.
kingii
var. eremica (Cov.) B. Ertter in *Syst. Bot.*, 14(2): 244 (1989); *Potentilla eremica*.
longibracteata B. Ertter in *Syst. Bot.*, 14(2): 233 (1989)—U.S.A. (California).
patellifera (J.T. Howell) B. Ertter in *Syst. Bot.*, 14(2): 232 (1989); *Potentilla patellifera*.
pityocharis B. Ertter in *Syst. Bot.*, 14(2): 241 (1989)—U.S.A. (Nevada).
rhypara
var. shellyi B. Ertter in *Syst. Bot.*, 14(2): 239 (1989)—U.S.A. (Oregon).
saxosa (Lemmon ex E. Greene) B. Ertter in *Syst. Bot.*, 14(2): 232 (1989); *Potentilla saxosa*.
shockleyi
var. ostleri B. Ertter in *Syst. Bot.*, 14(2): 237 (1989)—U.S.A. (Utah).

IXERIS (Compos.).

- gracilis
var. khasiana (Hook. f.) S.K. Mamgain & R.R. Rao in *J. Bombay Nat. Hist. Soc.*, 86(2): 273 (1989); *Lactuca gracilis* var. *khasiana*.
parva (Kitamura) T. Yahara in *J. Fac. Sci. Univ. Tokyo, Bot.*, 14(2): 115 (1987); *I. dentata* f. *parva*.
yakuinsularis T. Yahara in *J. Fac. Sci. Univ. Tokyo, Bot.*, 14(2): 115 (1987)—Japan.

IXIA (Iridac.).

- esterhuysenae M.P. de Vos in *S. Afr. J. Bot.*, 54(6): 600 (1988)—South Africa (Cape Province).
frederickii M.P. de Vos in *S. Afr. J. Bot.*, 54(6): 596 (1988)—South Africa (Cape Province).
mostertii M.P. de Vos in *S. Afr. J. Bot.*, 54(6): 598 (1988)—South Africa (Cape Province).

IXIOLAENA (Compos.).

- chloroleuca L. Haegi in *Fl. S. Australia*, 3: 1551 (1986)—Australia (S. Australia, N. Terr., Queensland, New South Wales, Victoria).
plurisetia L. Haegi in *Fl. S. Australia*, 3: 1552 (1986)—Australia (S. Australia).

IXOCA (Caryophyllac.).

- intonsa (Greuter & Melzheimer) J. Holub in *Preslia*, 58(4): 302 (1986); *Silene intonsa*.
pusilla
subsp. albanica (K. Malý) J. Holub in *Preslia*, 58(4): 302 (1986); *Heliosperma albanica*.
widderi (Kofol-Seliger & T. Wraber) J. Holub in *Preslia*, 58(4): 302 (1986); *Silene veselskyi* subsp. *widderi*.

IXORA (Rubiac.).

- sect. *Microthamnus* A.M. Homolle ex M. Guédès in *Phytologia*, 60(4): 246 (1986).
baileyana D.M. Bridson & L.G. Adams in *Kew Bull.*, 42(1): 214 (1987), nom. nov.: *Lasianthus graciliflorus* Bailey.
beddomei T. Husain & S.R. Paul in *Candollea*, 41(1): 87 (1986)—India.
bemangidiensis M. Guédès in *Phytologia*, 60(4): 246 (1986)—Madagascar.
casei
var. medialoba F.R. Fosberg & H.H. Sacht in *Baileya*, 23(2): 85 (1989)—Caroline Is.
coccinea
var. hermannii F.R. Fosberg & H.H. Sacht in *Baileya*, 23(2): 79 (1989)—Sri Lanka.
var. intermedia F.R. Fosberg & H.H. Sacht in *Baileya*, 23(2): 80 (1989)—Cultivation.
f. lutea (Hutch.) F.R. Fosberg & H.H. Sacht in *Baileya*, 23(2): 79 (1989); *I. lutea*.
foliocalyx M. Guédès in *Phytologia*, 60(4): 250 (1986)—Madagascar.
gamblei V.S. Ramachandran & V.J. Nair, *Fl. Cannanore*: 220 (1988), nom. nov.: *I. leucantha* var. *malabarica* Gamble.
littoralis (A.M. Hom. ex J. Arènes) M. Guédès in *Phytologia*, 60(4): 248 (1986); *Thouarsiora littoralis*.
mercaraica T. Husain & S.R. Paul in *Candollea*, 41(1): 88 (1986)—India.
ooumuensis J. Florence in *Bull. Mus. Nation. Hist. Nat., B, Adansonia, Ser. 4*, 8(1): 10 (1986)—Marquesas Is.
pendula
var. montana (Ridl.) K.M. Wong in *Tree Fl. Malaya*, 4: 359 (1989); *I. montana*.
reducta Drake ex M. Guédès in *Phytologia*, 60(4): 245 (1986)—Madagascar.
sambiranensis A.M. Homolle ex M. Guédès in *Phytologia*, 60(4): 245 (1986)—Madagascar.
trimera M. Guédès in *Phytologia*, 60(4): 250 (1986)—Madagascar.

J**JABOROSA** (Solanac.).

- cabrererae G. Barboza in *Kurtziana*, 18: 89 (1986)—Argentina.
chubutensis G. Barboza & A.T. Hunziker in *Kurtziana*, 19: 141 (1987)—Argentina.
kurtzii A.T. Hunziker & G. Barboza in *Kurtziana*, 19: 117 (1987)—Argentina.
laciniata (Miers) A.T. Hunziker & G. Barboza in *Kurtziana*, 19: 102 (1987); *Trechonaetes laciniata*.
lanigera (Phil.) A.T. Hunziker & G. Barboza in *Kurtziana*, 19: 136 (1987); *Trechonaetes lanigera*.
parviflora (Phil.) A.T. Hunziker & G. Barboza in *Kurtziana*, 19: 139 (1987); *Trechonaetes parviflora*.
riojana A.T. Hunziker & G. Barboza in *Kurtziana*, 19: 121 (1987)—Argentina.
rotacea (Lillo) A.T. Hunziker & G. Barboza in *Kurtziana*, 19: 105 (1987); *Trechonaetes rotacea*.
sativa (Miers) A.T. Hunziker & G. Barboza in *Kurtziana*, 19: 107 (1987); *Trechonaetes sativa*.
squarrosa (Miers) A.T. Hunziker & G. Barboza in *Kurtziana*, 19: 130 (1987); *Dorystigma squarrosium*.

- JACQUINIA** (Theophrastac.).
 macrocarpa
 subsp. panamensis (Lundell) B. Ståhl in *Nordic J. Bot.*, 9(1): 23 (1989); J. panamensis.
 subsp. pungens (A. Gray) B. Ståhl in *Nordic J. Bot.*, 9(1): 23 (1989); J. pungens.
 montana B. Ståhl in *Nordic J. Bot.*, 9(1): 27 (1989)—Nicaragua.
 nitida B. Ståhl in *Nordic J. Bot.*, 9(1): 24 (1989)—Honduras, Guatemala, Nicaragua.
- JAGERA** (Sapindac.).
 javanica
 subsp. australiana P.W. Leenhouts in *Blumea*, 32(1): 225 (1987)—Australia (Queensland).
- JALCOPHILA** M.O. Dillon & A. Sagástegui Alva in *Brittonia*, 38(2): 162 (1986). **COMPOSITAE**.
 boliviensis A.A. Anderberg & S.E. Freire in *Brittonia*, 42(2): 139 (1990)—Bolivia.
 ecuadorensis M.O. Dillon & A. Sagástegui Alva in *Brittonia*, 38(2): 165 (1986)—Ecuador.
 peruviana M.O. Dillon & A. Sagástegui Alva in *Brittonia*, 38(2): 163 (1986)—Peru.
- JALTOMATA** (Solanac.).
 glandulosa (Miers) R. Castillo & R.E. Schultes in *Rhodora*, 88(854): 292 (1986); *Saracha glandulosa*.
 vestita (Miers) R. Castillo & R.E. Schultes in *Rhodora*, 88(854): 292 (1986); *Saracha vestita*.
- JAMESIA** (Hydrangeac.).
 americana
 var. zionis N.H. Holmgren & P.K. Holmgren in *Brittonia*, 41(4): 344 (1989)—U.S.A. (Utah).
 tetrapetala N.H. Holmgren & P.K. Holmgren in *Brittonia*, 41(4): 348 (1989)V—U.S.A. (Nevada, Utah). N1
- × **JANKAEBERLEA** J. Halda in *Preslia*, 61(2): 125 (1989). **GESNERIACEAE**. (*Haberlea* × *Jankaea*).
 panayotii J. Halda in *Preslia*, 61(2): 125 (1989)—Cultivation. (*Haberlea rhodopensis* × *Jankaea heldreichii*).
- × **JANKAENDRON** J. Halda in *Preslia*, 61(2): 125 (1989). **GESNERIACEAE**. (*Conandron* × *Jankaea*).
 stevensiae J. Halda in *Preslia*, 61(2): 125 (1989)—Cultivation. (*Conandron ramondioides* × *Jankaea heldreichii*).
- × **JANKAESSANDRA** J. Halda in *Preslia*, 61(2): 127 (1989). **GESNERIACEAE**. (*Didissandra* × *Jankaea*).
 bluemelii J. Halda in *Preslia*, 61(2): 127 (1989)—Cultivation. (*Didissandra lanuginosa* × *Jankaea heldreichii*).
- JANUSIA** Juss. ex S.L. Endlicher Gen. Pl.: 1058 (April 1840). **MALPIGHIACEAE**. †
 christianeae W.R. Anderson in *Contrib. Univ. Mich. Herb.*, 16: 80 (1987)—Brazil.
 hexandra (Vell.) W.R. Anderson in *Contrib. Univ. Mich. Herb.*, 16: 83 (1987); *Banisteria hexandra*.
 ochionii W.R. Anderson in *Contrib. Univ. Mich. Herb.*, 16: 84 (1987)—Brazil, Paraguay.
 prancei W.R. Anderson in *Contrib. Univ. Mich. Herb.*, 16: 87 (1987)—Brazil.
- JASARUM** G.S. Bunting in *Acta Bot. Venezuel.*, 10(1-4): 264 (1975). **ARACEAE**.
- JASIONE** (Campanulac.).
 corymbosa
 var. glabra (Durieu ex Boiss. & Reuter) J. Parnell in *Watsonia*, 16(3): 265 (1987); J. glabra.
 crispa
 subsp. lanuginella (Litard. & Maire) J. Lambinon & J. Lewalle in *Soc. Ech. Pl. Vasc. Eur. Bassin Médit. Bull.*, 21: 59 (1986); J. amethystina var. lanuginella.
 heldreichii
 var. papillosa J. Parnell in *Watsonia*, 16(3): 266 (1987)—Turkey.
 laevis
 subsp. gredensis S. Rivas-Martínez & L.G. Sancho in *Lazaroa*, 6: 181 (1984 publ. 1985)—Spain.
- JASIONE** :-
 montana
 var. imbricans J. Parnell in *Watsonia*, 16(3): 264 (1987)—Spain, France.
- JASMINUM** (Oleac.).
 cordifolium
 subsp. andamanicum S.K. Srivastava & S.L. Kapoor in *Bull. Bot. Surv. India*, 25(1-4): 219 (1983 publ. 1985)—Andaman Is.
 fluminense
 subsp. gratissimum (Defflers) P.S. Green in *Kew Bull.*, 41(2): 417 (1986); J. gratissimum.
 grandiflorum
 subsp. floribundum (R. Br. ex Fresen.) P.S. Green in *Kew Bull.*, 41(2): 414 (1986); J. floribundum.
 laurifolium Roxb. ex Hornem., *Hort. Hafn., Suppl.*: 112 (1819); cf. *D.J. Mabberley in Taxon*, 33(3): 437 (1984)—Locality not stated.
 subhumile
 var. glabrycosum (W.W. Smith) P.Y. Bai in *Fl. Yunnanica*, 4: 649 (1986); J. heterophyllum var. glabrycosum.
 yuanjiangense P.Y. Bai in *Acta Bot. Yunnanica*, 7(4): 421 (1985)—China.
- JATROPHA** (Euphorbiac.).
 subsect. Dichtares A. Radcliffe-Smith in *Kew Bull.*, 42(1): 116 (1987).
 subsect. Furciferæ A. Radcliffe-Smith in *Kew Bull.*, 42(1): 115 (1987).
 subsect. Parvifoliae A. Radcliffe-Smith in *Kew Bull.*, 42(1): 119 (1987).
 sect. Robecchiana A. Radcliffe-Smith in *Kew Bull.*, 42(1): 120 (1987).
 subsect. Tropaeolifoliae A. Radcliffe-Smith in *Kew Bull.*, 42(1): 115 (1987).
 dichtar
 var. gracilior A. Radcliffe-Smith in *Kew Bull.*, 42(1): 116 (1987)—Somali Republic.
 elbae J. Jiménez Ramírez in *Cact. Suc. Mex.*, 31(1): 3 (1986)—Mexico.
 rosea A. Radcliffe-Smith in *Kew Bull.*, 42(1): 118 (1987)—Somali Republic.
 stevensii G.L. Webster in *Ann. Missouri Bot. Gard.*, 74(1): 117 (1987)—Nicaragua.
 stuhlmannii
 subsp. somalensis A. Radcliffe-Smith in *Kew Bull.*, 42(1): 107 (1987)—Somali Republic.
 tuberosa W. Elliot, *Fl. Andhrīca*: 85 (1859); cf. *D.J. Mabberley in Taxon*, 32(1): 87 (1983)—Locality not stated.
- JEDDA** J.R. Clarkson in *Austrobaileya*, 2(3): 203 (1986). **THYMELAEACEAE**.
 multicaulis J.R. Clarkson in *Austrobaileya*, 2(3): 203 (1986)—Australia (Queensland).
- JEJOSEPHIA** A. Nageswara Rao & K.J. Mani in *J. Econ. Taxon. Bot.*, 7(1): 217 (1985). **ORCHIDACEAE**.
 pusilla (Joseph & H. Deha) A. Nageswara Rao & K.J. Mani in *J. Econ. Taxon. Bot.*, 7(1): 217 (1985); *Trias pusilla*.
- JOHNSONIA** (Anthericac.).
 inconspicua G.J. Keighery in *Fl. Australia*, 45: 490, 246 (1987)—Australia (W. Australia).
- × **JOHNYEEARA** hort. in *Orchid Rev.*, 96(1141): centre page pull-out p. 8 (1988). **ORCHIDACEAE**. (*Brassavola* × *Cattleya* × *Epidendrum* × *Laelia* × *Schomburgkia* × *Sophranitis*).
- JOHRENIA** (Umbellif.).
 aromatica K.H. Rechinger in *Fl. Iran.*, 162: 376 (1987)—Iran, Iraq.
 golestanica K.H. Rechinger in *Fl. Iran.*, 162: 376 (1987)—Iran.
- JOHRENIOPSIS** M.G. Pimenov in *Fl. Iran.*, 162: 454 (1987). **UMBELLIFERAE**.
 oligactis (Rech. f. & H. Riedl) M.G. Pimenov in *Fl. Iran.*, 162: 456 (1987); *Peucedanum oligactis*.
 scoparia (Boiss.) M.G. Pimenov in *Fl. Iran.*, 162: 455 (1987); *Johrenia scoparia*.
 seseloides (C.A. Mey.) M.G. Pimenov in *Fl. Iran.*, 162: 455 (1987); *Ferula seseloides*.
- JOHRENIOPSIS** :-
 stricticaulis (Rech. f.) M.G. Pimenov in *Fl. Iran.*, 162: 456 (1987); *Peucedanum stricticaule*.
- JOSEANTHUS** H. Robinson in *Rev. Acad. Colomb. Cienc. Exact. Fis. Nat.*, 65: 210 (1989). **COMPOSITAE**.
 chimborazensis (Hieron.) H. Robinson in *Rev. Acad. Colomb. Cienc. Exact. Fis. Nat.*, 65: 211 (1989); *Vernonia chimborazensis*.
 crassilanatus (Cuatr.) H. Robinson in *Rev. Acad. Colomb. Cienc. Exact. Fis. Nat.*, 65: 211 (1989); *Vernonia crassilanata*.
 cuatrecasasii H. Robinson in *Rev. Acad. Colomb. Cienc. Exact. Fis. Nat.*, 65: 211 (1989)—Ecuador.
 sparrei (H. Robinson) H. Robinson in *Rev. Acad. Colomb. Cienc. Exact. Fis. Nat.*, 65: 211 (1989); *Basionym* not stated.
 trichotomus (Gleason) H. Robinson in *Rev. Acad. Colomb. Cienc. Exact. Fis. Nat.*, 65: 211 (1989); *Basionym* not stated.
- JOVIBARBA** (Crassulac.).
 globifera (L.) J. Parnell in *Bot. J. Linn. Soc.*, 103(3): 219 (1990); *Sempervivum globiferum*.
 subsp. allionii (Jordan & Fourr.) J. Parnell in *Bot. J. Linn. Soc.*, 103(3): 219 (1990); *Diopogon allionii*.
 subsp. arenaria (Koch) J. Parnell in *Bot. J. Linn. Soc.*, 103(3): 219 (1990); *Sempervivum arenarium*.
 subsp. hirta (L.) J. Parnell in *Bot. J. Linn. Soc.*, 103(3): 219 (1990); *Sempervivum hirtum*.
 hirta
 subsp. arenaria (Koch) J. Parnell in *Acta Bot. Hung.*, 34(1-2): 222 (1988); *Sempervivum arenarium*.
 subsp. borealis (H. Huber) J. Parnell in *Acta Bot. Hung.*, 34(1-2): 222 (1988), *isonym*; see R. Soo in *Acta Bot. Acad. Sci. Hung.*, 23(3-4): 380 (1977 publ. 1978); *Diopogon hirtus* subsp. borealis.
- JUBELINA** (Malpighiac.).
 grisebachiana W.R. Anderson in *Contrib. Univ. Mich. Herb.*, 17: 30 (1990)—Venezuela, Brazil, Colombia.
- JUGLANS** (Juglandac.).
 regia
 subsp. sinensis (C. DC.) H. Ohle in *R. Mansfeld, Verz. Landwirtsch. u. Gartn. Kulturpfl., Auf. 2, ed. J. Schultze-Motel*, 1: 38 (1986); J. regia var. sinensis.
- JULOCROTON** (Euphorbiac.).
 humilis
 var. robustior L.B. Smith & R.J. Downs in *Fl. Illustr. Catar.*, 1(Euforbiac.): 143 (1988)—Brazil.
- JUNCUS** (Juncac.).
 acutus
 subsp. littoralis (C.A. Mey.) N. Feinbrun-Dothan, *Fl. Palaestina*, 4: 143 (1986); J. littoralis.
 alpinointerartus
 subsp. americanus (Farwell) L. Hämet-Ahti in *Ann. Bot. Fenn.*, 23(4): 277 (1986); J. alpinus var. americanus.
 subsp. fuscescens (Fern.) L. Hämet-Ahti in *Ann. Bot. Fenn.*, 23(4): 280 (1986); J. alpinus var. fuscescens.
 ambiguus
 var. ossoraicus (V. Novikov) V.S. Novikov in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 1: 63 (1985); J. ranarius var. ossoraicus.
 subsp. turkestanicus (V. Krecz. & Gontsch.) V.S. Novikov in *Novosti Sist. Vyssh. Rast.*, 24: 60 (1987); J. turkestanicus.
 chiapasensis H. Balslev in *Ann. Missouri Bot. Gard.*, 75(1): 379 (1988)—Mexico.
 compressus
 subsp. gracillimus (Buchenau) V.N. Voroshilov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 95(2): 91 (1990); J. compressus var. gracillimus.
 × donanae M.C. Fernández Carvajal in *Lagascalia*, 14(1): 117 (1986) as 'donyanae'—Spain. (J. acutiflorus subsp. rugosus × striatus).
 exsertus
 subsp. lesuticus B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 191 (1988 publ. 1989)—South Africa (Cape Province), Lesotho.

JUNCUS :-

- gerardii
var. *ubsunuricus* V.S. Novikov in *Novosti Sist. Vyssh. Rast.*, 24: 64 (1987)—Mongolia.
- hemiendytus
var. *abjectus* (F.J. Hermann) B. Ertter in *Mem. New York Bot. Gard.*, 39: 76 (1986); J. *abjectus*.
- leiospermus
var. *ahartii* B. Ertter in *Mem. New York Bot. Gard.*, 39: 49 (1986)—U.S.A. (California).
- leucochlamys
subsp. *borealis* (Tolm.) V.S. Novikov in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 1: 74 (1985); J. *leucochlamys* var. *borealis*.
- liebmannii
var. *polycephalus* H. Balslev in *Ann. Missouri Bot. Gard.*, 75(1): 381 (1988)—Mexico.
- lucensis B. Ertter in *Mem. New York Bot. Gard.*, 39: 58 (1986)—U.S.A. (California).
- mollifolius O.M. Hilliard & B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 367 (1986)—South Africa (Natal), Lesotho.
- orchonicus V.S. Novikov in *Byull. Mosk. Obshch. Ispyt. Prir.*, 90(5): 110 (1985)—Mongolia, U.S.S.R. (Siberia).
- rohtangensis A.K. Goel & B.S. Aswal in *Indian J. Forest.*, 10(4): 262 (1987)—India.
- salsuginosus
subsp. *tuvinicus* N.K. Kovtonyuk in *Novosti Sist. Vyssh. Rast.*, 24: 49 (1987); et in *Fl. Sibir. (Arac.-Orchidac.)*: 33 (1987)—U.S.S.R. (Siberia).
- sosnowskiyi V.S. Novikov in *Byull. Mosk. Obshch. Ispyt. Prir.*, 94(1): 110 (1989)—U.S.S.R. (Caucasus).
- tiehmii B. Ertter in *Mem. New York Bot. Gard.*, 39: 60 (1986)—U.S.A. (California, Idaho, Nevada, Oregon), Mexico.
- yoskisukeyi A.K. Goel in *J. Econ. Taxon. Bot.*, 7(1): 208 (1985), nom. nov.: J. *albescens* Satake.

JUNELLIA (Verbenac.).

- ser. *Erinaceae* (Walp.) S.M. Botta in *Darwiniana*, 29(1-4): 386 (1989); *Verbena* ser. *Erinaceae*.
- sect. *Guedesia* S.M. Botta in *Darwiniana*, 29(1-4): 388 (1989).
- sect. *Junelliopsis* S.M. Botta in *Darwiniana*, 29(1-4): 392 (1989).
- ser. *Minutifoliae* (Troncoso) S.M. Botta in *Darwiniana*, 29(1-4): 389 (1989); *Verbena* ser. *Minutifoliae*.
- ser. *Pauciflorae* (Brig.) S.M. Botta in *Darwiniana*, 29(1-4): 389 (1989); *Verbena* ser. *Pauciflorae*.
- ser. *Seriphioideae* (Walp.) S.M. Botta in *Darwiniana*, 29(1-4): 386 (1989); *Verbena* ser. *Seriphioideae*.
- subgen. *Thrythamnus* (Philippi) S.M. Botta in *Darwiniana*, 29(1-4): 390 (1989); gen. *Thrythamnus*.
- sect. *Verticilliflora* (Schauer) S.M. Botta in *Darwiniana*, 29(1-4): 392 (1989), as 'Verticiflora': *Verbena* ser. *Verticilliflorae*.
- arequipense (Botta) S.M. Botta in *Darwiniana*, 29(1-4): 392 (1989); *Verbena* *arequipense*.
- cinerascens (Schauer) S.M. Botta in *Darwiniana*, 29(1-4): 392 (1989); *Verbena* *cinerascens*.
- scoparia (Gillies & Hook.) S.M. Botta in *Darwiniana*, 29(1-4): 392 (1989); *Verbena* *scoparia*.

JUNGIA (Labiata).

- splendens (Ker-Gawl.) J. Soják in *Čas. Nár. Muz. (Prague)*, 152(1): 21 (1983); *Salvia* *splendens*.

JUNIPERUS (Cupressac.).

- chinensis
var. *gaussenii* (Cheng) J. Silba in *Phytologia*, 68(1): 32 (1990); J. *gaussenii*.
- excelsa
var. *pendula* (Mulk.) N.N. Imkhanitskaya in *Bot. Zhurn.*, 75(3): 407 (1990); J. *polycarpus* var. *pendula*.
- subsp. *turcomanica* (B. Fedtsch.) N.N. Imkhanitskaya in *Bot. Zhurn.*, 75(3): 408 (1990); J. *turcomanica*.
- sabina
var. *jarkendensis* (Komarov) J. Silba in *Phytologia*, 68(1): 33 (1990); J. *jarkendensis*.
- semiglobosa
var. *drobovii* (Sumnev.) J. Silba in *Phytologia*, 68(1): 33 (1990); J. *drobovii*.

JUNIPERUS :-

- var. *talassica* (Lipsky) J. Silba in *Phytologia*, 68(1): 34 (1990); J. *talassica*.

JURINEA (Compos.).

- cartilaginea (Royce) B.S. Aswal in *Iranian J. Bot.*, 4(1): 62 (1988)—Iran.
- dolomiaea
var. *tibetica* (Stewart) H.B. Naithani, *Flow. Pl. India, Nepal & Bhutan*: 230 (1990); J. *himalaica* var. *tibetica*.

JURINELLA (Compos.).

- macrocephala (Royle) B.S. Aswal & A.K. Goel in *Indian J. Forest.*, 11(4): 339 (1988 publ. 1989); *Dolomiaea* *macrocephala*.

JUSTICIA (Acanthac.).

- subsect. *Anisostachya* (Nees) V.A.W. Graham in *Kew Bull.*, 43(4): 586 (1988); gen. *Anisostachya*.
- subsect. *Ansellia* (C.B. Clarke) V.A.W. Graham in *Kew Bull.*, 43(4): 598 (1988); J. sect. *Ansellia*.
- subsect. *Betonica* (Nees) V.A.W. Graham in *Kew Bull.*, 43(4): 586 (1988); Adhatoda sect. *Betonica*.
- sect. *Chaetothylax* (Nees) V.A.W. Graham in *Kew Bull.*, 43(4): 602 (1988); gen. *Chaetothylax*.
- sect. *Cyrtanthera* (Nees) V.A.W. Graham in *Kew Bull.*, 43(4): 615 (1988); gen. *Cyrtanthera*.
- sect. *Dianthera* (L.) V.A.W. Graham in *Kew Bull.*, 43(4): 598 (1988); gen. *Dianthera*.
- subsect. *Dianthera* (L.) V.A.W. Graham in *Kew Bull.*, 43(4): 599 (1988); gen. *Dianthera*.
- sect. *Drejerella* (Lindau) V.A.W. Graham in *Kew Bull.*, 43(4): 607 (1988); gen. *Drejerella*.
- sect. *Grossa* B. Hansen in *Nordic J. Bot.*, 7(5): 507 (1987).
- sect. *Leucoloma* V.A.W. Graham in *Kew Bull.*, 43(4): 614 (1988).
- sect. *Orthotactus* (Nees) V.A.W. Graham in *Kew Bull.*, 43(4): 616 (1988); gen. *Orthotactus*.
- sect. *Plagiacanthus* (Nees) V.A.W. Graham in *Kew Bull.*, 43(4): 609 (1988); gen. *Plagiacanthus*.
- subsect. *Rostellaria* (Nees) V.A.W. Graham in *Kew Bull.*, 43(4): 596 (1988); gen. *Rostellaria*.
- subsect. *Saglorithys* (Rizzini) V.A.W. Graham in *Kew Bull.*, 43(4): 600 (1988); gen. *Saglorithys*.
- sect. *Simonisia* (Nees) V.A.W. Graham in *Kew Bull.*, 43(4): 604 (1988); gen. *Simonisia*.
- subsect. *Strobilloglossa* (Oersted) V.A.W. Graham in *Kew Bull.*, 43(4): 601 (1988); *Rhytiglossa* subgen. *Strobilloglossa*.
- acutifolia* M. Hedrén in *Nordic J. Bot.*, 10(3): 268 (1990)—Tanzania.
- adenothyrsa* (Lindau) T.F. Daniel in *Contrib. Univ. Mich. Herb.*, 17: 136 (1990); *Beloperone* *adenothyrsa*.
- adhatodoides* (Nees) V.A.W. Graham in *Kew Bull.*, 43(4): 584 (1988); *Duvernoia* *adhatodoides*.
- afromontana* M. Hedrén in *Nordic J. Bot.*, 8(2): 161 (1988)—Sudan, Uganda.
- albomarginata* (Lindau) V.A.W. Graham in *Kew Bull.*, 43(4): 606 (1988); *Beloperone* *albomarginata*.
- alopeuroidea* T.F. Daniel in *Contrib. Univ. Mich. Herb.*, 17: 133 (1990)—Mexico.
- amabilis* (Mildbr.) V.A.W. Graham in *Kew Bull.*, 43(4): 595 (1988); *Thamnojusticia* *amabilis*.
- amanda* M. Hedrén in *Bull. Jard. Bot. Nation. Belg.*, 58(1-2): 154 (1988)—Burundi, Rwanda.
- anisophylla* (Mildbraed) R.K. Brummitt in *Kew Bull.*, 45(2): 281 (1990); *Rhaphidospora* *anisophylla*.
- asystasioides* (Lindau) M.E. Steiner in *Kew Bull.*, 44(4): 709 (1989); *Duvernoia* *asystasioides*.
- baenitzii* (H. Winkl.) C. Ezcurra in *Bol. Soc. Argent. Bot.*, 25(3-4): 348 (1988); *Beloperone* *baenitzii*.
- bankaensis* (Bremek.) V.A.W. Graham in *Kew Bull.*, 43(4): 596 (1988); *Rostellularia* *bankaensis*.
- baronii* V.A.W. Graham in *Kew Bull.*, 43(4): 588 (1988), nom. nov.: *Adhatoda* *robusta* C.B. Clarke.
- bentii* V.A.W. Graham in *Kew Bull.*, 43(4): 585 (1988), nom. nov.: *Bentia* *fruticulosa* Rolfe.
- biokoensis* V.A.W. Graham in *Kew Bull.*, 43(4): 588 (1988), nom. nov.: J. *maculata* T. Anders.
- boaleri* M. Hedrén in *Bull. Jard. Bot. Nation. Belg.*, 58(1-2): 146 (1988)—Tanzania.
- bojeri* (Nees) V.A.W. Graham in *Kew Bull.*, 43(4): 587 (1988); *Anisostachya* *bojeri*.
- boliviensis* (Bremek.) V.A.W. Graham in *Kew Bull.*, 43(4): 613 (1988); *Sarotheca* *boliviensis*.

JUSTICIA :-

- bremekampii* V.A.W. Graham in *Kew Bull.*, 43(4): 588 (1988), nom. nov.: *Rhaphidospora* *javanica* Bremek.
- brevipedunculata* Ensermu Kelbessa in *Pl. Syst. Evol.*, 163(1-2): 121 (1989)—Tanzania.
- brevipila* M. Hedrén in *Kew Bull.*, 43(2): 356 (1988)—Kenya.
- calycina* (Nees) V.A.W. Graham in *Kew Bull.*, 43(4): 610 (1988); *Beloperone* *calycina*.
- candicans* (Nees) V.A.W. Graham in *Kew Bull.*, 43(4): 611 (1988); *Adhatoda* *candicans*.
- chiengmaiensis* (Bremek.) V.A.W. Graham in *Kew Bull.*, 43(4): 596 (1988); *Rostellularia* *chiengmaiensis*.
- clivalis* D.C. Wasshausen in *Brittonia*, 41(4): 379 (1989)—Brazil.
- cochabambensis* (Rusby) V.A.W. Graham in *Kew Bull.*, 43(4): 603 (1988); *Beloperone* *cochabambensis*.
- colorata* (Nees) D.C. Wasshausen in *Op. Bot.*, 92: 274 (1987); *Sericographis* *colorata*.
- colorifera* V.A.W. Graham in *Kew Bull.*, 43(4): 611 (1988), nom. nov.: *Sericographis* *tinctoria* Oersted.
- columbiensis* (Leonard) V.A.W. Graham in *Kew Bull.*, 43(4): 605 (1988); *Chaetochlamys* *columbiensis*.
- cuatrecasasii* D.C. Wasshausen in *Rev. Acad. Colomb. Cienc. Exact. Fis. Nat.*, 65: 257 (1989)—Colombia.
- cufodontii* (Fiori) Ensermu Kelbessa in *Symb. Bot. Upsal.*, 29(2): 59 (1990); J. *uncinulata* var. *cufodontii*.
- cuneata*
subsp. *hoerleiniana* (P.G. Mey.) K. Immelman in *Bothalia*, 16(1): 40 (1986); J. *hoerleiniana*.
- subsp. *latifolia* (Nees) K. Immelman in *Bothalia*, 16(1): 40 (1986); *Gendarussa* *orchioides* var. *latifolia*.
- densiflora* (Oersted) V.A.W. Graham in *Kew Bull.*, 43(4): 616 (1988); *Cyrtanthera* *densiflora*.
- diclipteroideis*
subsp. *aethiopia* M. Hedrén in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 10(4): 354 (1988 publ. 1989)—Ethiopia.
- subsp. *kibarianiensis* M. Hedrén in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 10(4): 362 (1988 publ. 1989)—Tanzania.
- subsp. *megaensis* M. Hedrén in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 10(4): 359 (1988 publ. 1989)—Ethiopia.
- subsp. *nierensis* (Mildbr.) M. Hedrén in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 10(4): 363 (1988 publ. 1989); J. *nierensis*.
- subsp. *praetervisa* (Lindau) M. Hedrén in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 10(4): 356 (1988 publ. 1989); J. *praetervisa*.
- subsp. *usambarica* M. Hedrén in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 10(4): 359 (1988 publ. 1989)—Tanzania.
- disparifolia* J.R.I. Wood in *Kew Bull.*, 43(1): 46 (1988)—Colombia.
- fimbriata* (Nees) V.A.W. Graham in *Kew Bull.*, 43(4): 608 (1988); *Beloperone* *fimbriata*.
- fortunensis* T.F. Daniel & D.C. Wasshausen in *Proc. Calif. Acad. Sci.*, Ser. 4, 46(13): 290 (1990)—Panama.
- glabribractea* (Lindau) V.A.W. Graham in *Kew Bull.*, 43(4): 617 (1988); *Jacobinia* *glabribractea*.
- glutinosa* (Bremek.) V.A.W. Graham in *Kew Bull.*, 43(4): 613 (1988); *Sarotheca* *glutinosa*.
- gonzalezii* (Greenm.) J. Henrickson & P. Hiriart in *Aliso*, 12(1): 54 (1988); *Anisacanthus* *gonzalezii*.
- goudotii* V.A.W. Graham in *Kew Bull.*, 43(4): 603 (1988), nom. nov.: *Chaetothylax* *umbrosus* Nees.
- hansenii* V.V. Sivarajan & P. Mathew in *Taxon*, 38(3): 486 (1989), nom. nov.: J. *simplex* var. *serpyllifolia* Benth. ex C.B. Clarke.
- hassleri* (Lindau) V.A.W. Graham in *Kew Bull.*, 43(4): 615 (1988); *Beloperone* *hassleri*.
- heterocarpa*
subsp. *dinteri* (S. Moore) M. Hedrén in *Symb. Bot. Upsal.*, 29(1): 106 (1989); J. *dinteri*.
- subsp. *peterssonii* M. Hedrén in *Nordic J. Bot.*, 10(4): 379 (1990)—Tanzania.
- subsp. *praeterrimissa* M. Hedrén in *Nordic J. Bot.*, 10(4): 379 (1990)—Uganda, Kenya, Tanzania, Rwanda, Burundi.
- subsp. *vallicola* M. Hedrén in *Nordic J. Bot.*, 10(4): 380 (1990)—Ethiopia.

JUSTICIA :-

- huambensis *M. Hedrén in Nordic J. Bot.*, 8(2): 165 (1988)—Angola.
- imlayae *B. Hansen in Nordic J. Bot.*, 9(2): 210 (1989), nom. nov.: *J. vasculosum* var. *laxa* *Imlay*.
- inaequifolia *R.K. Brummitt in Kew Bull.*, 45(2): 282 (1990)—Kenya, Tanzania.
- internodialis *B. Hansen in Nordic J. Bot.*, 9(2): 210 (1989), nom. nov.: *Rhyticallymma longipetiolatum* *Brem.*
- irwinii *D.C. Wasshausen in Brittonia*, 41(4): 381 (1989)—Brazil.
- ixtlania *T.F. Daniel in Proc. Calif. Acad. Sci.*, Ser. 4, 46(12): 283 (1990), nom. nov.: *Ixtlania acicularis* *M.E. Jones*.
- japonica *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14*: 63 (1784)—Japan.†
- jujuyensis *C. Ezcurra in Bol. Soc. Argent. Bot.*, 25(3-4): 350 (1988), nom. nov.: *J. leonardii* *De Marco & Ruiz*.
- kirkbridei *D.C. Wasshausen in Rev. Acad. Colomb. Cienc. Exact. Fis. Nat.*, 65: 255 (1989)—Colombia.
- kuestera *V.A.W. Graham in Kew Bull.*, 43(4): 616 (1988), nom. nov.: *Cyrtanthera aurantiaca* *Hook.*
- leonardii *N. de Marco & T. Ruiz in Publ. Espec. Inst. Lillo*, 1187: 50 (1976), as 'leonardi', homonym; see *Wasshausen in Bailey*, 19(1): 3 (1973)—Argentina.
- leucophloea (*Nees*) *D. Wasshausen in Rhodora*, 71: 551 (1969): *Rhytiglossa leucophloea*.
- leucophloea (*Nees*) *V.A.W. Graham in Kew Bull.*, 43(4): 613 (1988), isonym: *Rhytiglossa leucophloea*.
- leucostachya (*Bremek.*) *V.A.W. Graham in Kew Bull.*, 43(4): 598 (1988): *Plegmatolemma leucostachyum*.
- liebmanii *V.A.W. Graham in Kew Bull.*, 43(4): 612 (1988), nom. nov.: *Sericographis neglecta* *Oersted*.
- linifolia (*Lindau*) *V.A.W. Graham in Kew Bull.*, 43(4): 618 (1988): *Aulojusticia linifolia*.
- longipes (*Standley*) *V.A.W. Graham in Kew Bull.*, 43(4): 608 (1988): *Drejerella longipes*.
- lorata *Ensermu Kelbessa in Nordic J. Bot.*, 9(4): 403 (1989 publ. 1990)—Kenya.
- luteocinerea *M. Hedrén in Symb. Bot. Upsal.*, 29(1): 79 (1989)—Kenya, Ethiopia.
- lythroides (*Nees*) *V.A.W. Graham in Kew Bull.*, 43(4): 603 (1988): *Heinzelia lythroides*.
- macrosiphon (*Lindau*) *V.A.W. Graham in Kew Bull.*, 43(4): 605 (1988): *Chaetochlamys macrosiphon*.
- magentea *V.A.W. Graham in Kew Bull.*, 43(4): 603 (1988), nom. nov.: *Beloperone velascana* *Lindau*.
- mariae *M. Hedrén in Bull. Jard. Bot. Nation. Belg.*, 58(1-2): 135 (1988)—Zambia.
- medrani *J. Henrickson & P. Hiriart in Aliso*, 12(1): 50 (1988)—Mexico.
- micrantha (*Oersted*) *V.A.W. Graham in Kew Bull.*, 43(4): 603 (1988): *Chaetothylopsis micrantha*.
- migeodii (*S. Moore*) *V.A.W. Graham in Kew Bull.*, 43(4): 591 (1988): *Siphonoglossa migeodii*.
- miguellii *V.A.W. Graham in Kew Bull.*, 43(4): 605 (1988), nom. nov.: *Chaetochlamys lindauii* *Rusby*.
- mildbraedii *V.A.W. Graham in Kew Bull.*, 43(4): 596 (1988), nom. nov.: *Thamnojusticia grandiflora* *Mildbr.*
- modesta (*Bremek.*) *V.A.W. Graham in Kew Bull.*, 43(4): 589 (1988): *Calymmostachya modesta*.
- nagpurensis *V.A.W. Graham in Kew Bull.*, 43(4): 597 (1988), nom. nov.: *Rostellularia procumbens* var. *serpyllifolia* *Benth.*
- neotinctoria *K. Hammer in R. Mansfeld, Verz. Landwirtsch. u. Gartn. Kulturpfl., Auf. 2, ed. J. Schultze-Motel*, 3: 1243 (1986), nom. nov.: *Sericographis tinctoria* *Oerst.*
- nepalensis *V.A.W. Graham in Kew Bull.*, 43(4): 597 (1988), nom. nov.: *Rostellularia rotundifolia* *Nees*.
- obanensis *V.A.W. Graham in Kew Bull.*, 43(4): 589 (1988), nom. nov.: *J. thyrsoflora* *S. Moore*.
- oblongifolia (*Lindau*) *M.E. Steiner in Kew Bull.*, 44(4): 709 (1989): *Rhaphidospora oblongifolia*.
- obtusicaulis *M. Hedrén in Bull. Jard. Bot. Nation. Belg.*, 58(1-2): 151 (1988)—Zambia, Tanzania.
- odonellii *N. de Marco & T. Ruiz in Publ. Espec. Inst. Lillo*, 1187: 53 (1976), as 'odonelli'—Argentina.
- oranensis *N. de Marco & T. Ruiz in Publ. Espec. Inst. Lillo*, 1187: 46 (1976)—Argentina.
- orbicularis (*Lindau*) *V.A.W. Graham in Kew Bull.*, 43(4): 587 (1988): *Duvernoia orbicularis*.

JUSTICIA :-

- orchioides
- subsp. glabrata *K. Immelman in Bothalia*, 16(1): 39 (1986)—South Africa (Cape Province).
- ornatopila *Ensermu Kelbessa in Nordic J. Bot.*, 9(4): 399 (1989 publ. 1990)—Ethiopia, Sudan, Somali Republic, Uganda, Kenya, Tanzania.
- orosiensis *L.H. Durkee in Fieldiana, Bot.*, n.s., 18: 56 (1986)—Costa Rica.
- paludosa (*S. Moore*) *V.A.W. Graham in Kew Bull.*, 43(4): 600 (1988): *Dianthera paludosa*.
- panamensis (*Lindau*) *V.A.W. Graham in Kew Bull.*, 43(4): 605 (1988): *Chaetochlamys panamensis*.
- paraguayensis *V.A.W. Graham in Kew Bull.*, 43(4): 605 (1988), nom. nov.: *Chaetochlamys marginata* *Lindau*.
- parvibracteata *K. Immelman in Bothalia*, 16(1): 39 (1986)—South Africa (Cape Province).
- pedrolapensis *J.R.I. Wood in Kew Bull.*, 43(1): 42 (1988)—Colombia.
- petiolaris
- subsp. bowiei (*C.B. Cl.*) *K. Immelman in Bothalia*, 16(1): 40 (1986): *J. bowiei*.
- subsp. incerta (*C.B. Cl.*) *K. Immelman in Bothalia*, 16(1): 40 (1986): *J. incerta*.
- piuhiensis (*Nees*) *V.A.W. Graham in Kew Bull.*, 43(4): 601 (1988): *Rhytiglossa piuhiensis*.
- planchonii *V.A.W. Graham in Kew Bull.*, 43(4): 607 (1988), nom. nov.: *Beloperone violacea* *Planchon & Linden*.
- protracta
- subsp. rhodesiana (*S. Moore*) *K. Immelman in Bothalia*, 16(1): 40 (1986): *J. rhodesiana*.
- pseudociliata (*Mildbr.*) *V.A.W. Graham in Kew Bull.*, 43(4): 603 (1988): *Beloperone pseudociliata*.
- ramosa (*Oersted*) *V.A.W. Graham in Kew Bull.*, 43(4): 604 (1988): *Siphonoglossa ramosa*.
- ramosissima *Roxb. ex Hornem., Hort. Hafn., Suppl.*: 112 (1819); cf. *D.J. Mabberley in Taxon*, 33(3): 437 (1984)—Locality not stated.
- ramulosa (*Morong*) *V.A.W. Graham in Kew Bull.*, 43(4): 604 (Nov. 1988), isonym: *Beloperone ramulosa*.
- ramulosa (*Morong*) *C. Ezcurra in Bol. Soc. Argent. Bot.*, 25(3-4): 350 (Oct. 1988): *Beloperone ramulosa*.
- rauhii *D.C. Wasshausen in Beitr. Biol. Pfl.*, 63(3): 428 (1988)—Peru.
- readii *T.F. Daniel & D.C. Wasshausen in Proc. Calif. Acad. Sci.*, Ser. 4, 46(13): 295 (1990)—Panama.
- rectiflora (*Lindau*) *V.A.W. Graham in Kew Bull.*, 43(4): 614 (1988): *Beloperone rectiflora*.
- regis *M. Hedrén in Nordic J. Bot.*, 10(3): 265 (1990)—Kenya.
- richardsiae *M. Hedrén in Bull. Jard. Bot. Nation. Belg.*, 58(1-2): 133 (1988)—Zambia, Zaire.
- riedeliana (*Nees*) *V.A.W. Graham in Kew Bull.*, 43(4): 605 (1988): *Simonisia riedeliana*.
- robertii *V.A.W. Graham in Kew Bull.*, 43(4): 614 (1988), nom. nov.: *Beloperone chapadensis* *S. Moore*.
- rusbyi (*Lindau*) *V.A.W. Graham in Kew Bull.*, 43(4): 605 (1988): *Chaetochlamys rusbyi*.
- sarotheca *V.A.W. Graham in Kew Bull.*, 43(4): 614 (1988), nom. nov.: *Sarotheca elegans* *Nees*.
- scabra *Vahl, Enum.*, 1: 120 (1804); cf. *D.J. Mabberley in Taxon*, 32(1): 81 (1983)—Locality not stated.
- scansilis (*Rizzini*) *V.A.W. Graham in Kew Bull.*, 43(4): 617 (1988): *Beloperone scansilis*.
- scarlatina (*Blake*) *V.A.W. Graham in Kew Bull.*, 43(4): 612 (1988): *Jacobinia scarlatina*.
- scheidweileri *V.A.W. Graham in Kew Bull.*, 43(4): 617 (1988), nom. nov.: *Porphycocoma lanceolata* *Hook.*
- schomburgkiana (*Nees*) *V.A.W. Graham in Kew Bull.*, 43(4): 607 (1988): *Beloperone schomburgkiana*.
- sericographis *V.A.W. Graham in Kew Bull.*, 43(4): 604 (1988), nom. nov.: *Sericographis rigida* *Nees*.
- simonisia *V.A.W. Graham in Kew Bull.*, 43(4): 606 (1988), nom. nov.: *Simonisia rosea* *Nees*.
- soukupii (*Standley & Barkley*) *V.A.W. Graham in Kew Bull.*, 43(4): 604 (1988): *Beloperone soukupii*.
- sprucei *V.A.W. Graham in Kew Bull.*, 43(4): 606 (1988), nom. nov.: *Chaetochlamys ciliata* *Lindau*.
- stearnii *V.A.W. Graham in Kew Bull.*, 43(4): 609 (1988), nom. nov.: *Drejerella calcicola* *Urban*.
- stolonifera (*C.B. Clarke*) *B. Hansen in Nordic J. Bot.*, 9(2): 210 (1989): *Rungia stolonifera*.

JUSTICIA :-

- striata
- subsp. austromontana *M. Hedrén in Nordic J. Bot.*, 10(4): 390 (1990)—Tanzania, Zambia, Malawi, Mozambique.
- var. dyschoristeoides (*C.B. Clarke*) *M. Hedrén in Symb. Bot. Upsal.*, 29(1): 111 (1989): *J. dyschoristeoides*.
- strobiliflora *V.A.W. Graham in Kew Bull.*, 43(4): 602 (1988), nom. nov.: *Rhytiglossa mexicana* *Oersted*.
- sulphuriflora *M. Hedrén in Nordic J. Bot.*, 6(3): 303 (1986)—Tanzania.
- tabascina *T.F. Daniel in Proc. Calif. Acad. Sci.*, Ser. 4, 46(12): 284 (1990), nom. nov.: *Tabascina lindonii* *Baillon*.
- telloensis *M. Hedrén in Nordic J. Bot.*, 10(3): 269 (1990)—Cameroun.
- tetramerioides (*Lindau*) *V.A.W. Graham in Kew Bull.*, 43(4): 604 (1988): *Beloperone tetramerioides*.
- tetrasperma *M. Hedrén in Nordic J. Bot.*, 10(2): 151 (1990)—Zaire.
- tijucensis *V.A.W. Graham in Kew Bull.*, 43(4): 601 (1988), nom. nov.: *Rhytiglossa laeta* *Nees*.
- tocantina (*Nees*) *V.A.W. Graham in Kew Bull.*, 43(4): 604 (1988): *Chaetothylax tocaninus*.
- ukagurensis *M. Hedrén in Nordic J. Bot.*, 6(3): 301 (1986)—Tanzania.
- unyorensis
- var. keniensis (*Rendle*) *M. Hedrén in Symb. Bot. Upsal.*, 29(1): 108 (1989): *J. keniensis*.
- upembensis *M. Hedrén in Symb. Bot. Upsal.*, 29(1): 112 (1989)—Zaire.
- vahlia
- var. scindica *K.A. Malik & A. Ghafoor in Fl. Pakistan*, 188: 36 (1988)—Pakistan.
- venosa (*Nees*) *V.A.W. Graham in Kew Bull.*, 43(4): 617 (1988): *Orthotactus venosus*.
- venusta (*Rizzini*) *V.A.W. Graham in Kew Bull.*, 43(4): 606 (1988): *Cyphisia venusta*.
- veraguensis *T.F. Daniel & D.C. Wasshausen in Proc. Calif. Acad. Sci.*, Ser. 4, 46(13): 294 (1990)—Panama.
- viscosa *V.A.W. Graham in Kew Bull.*, 43(4): 614 (1988), nom. nov.: *Beloperone nuda* *Rusby*.
- zarucichii *D.C. Wasshausen in Acta Amazonica*, 14(1-2 Suppl.): 145 (1984 publ. 1986)—Brazil.
- zopilotensis *J. Henrickson & P. Hiriart in Aliso*, 12(1): 52 (1988)—Mexico.

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- KADENIA** *T.V. Lavrova & V.N. Tikhomirov in Byull. Mosk. Obsch. Ispyt. Prir., Biol.*, 91(2): 93 (1986). **UMBELLIFERAE.**
- dubia (*Schkuhr*) *T.V. Lavrova & V.N. Tikhomirov in Byull. Mosk. Obsch. Ispyt. Prir., Biol.*, 91(2): 93 (1986): *Seseli dubium*.
- salina (*Turcz.*) *T.V. Lavrova & V.N. Tikhomirov in Byull. Mosk. Obsch. Ispyt. Prir., Biol.*, 91(2): 93 (1986): *Cnidium salinum*.
- KAEMPFERIA** (*Zingiberac.*)
- larsenii *P. Siriruga in Nordic J. Bot.*, 9(3): 257 (1989)—Thailand.
- latifolia *Donn ex Hornem., Hort. Hafn.*: 6 (1813); cf. *D.J. Mabberley in Taxon*, 33(3): 437 (1984)—Locality not stated.
- siamensis *P. Siriruga in Nordic J. Bot.*, 9(3): 257 (1989)—Thailand.
- spoliata *P. Siriruga in Nordic J. Bot.*, 9(3): 259 (1989)—Thailand.
- KAFIRNIGANIA** *R. Kam. & G.K. Kinzikaeva in Fl. Tadzhiksoi SSR*, 7: 523, 153 (1984). **UMBELLIFERAE.**
- hissarica (*Korov.*) *R. Kam. & G.K. Kinzikaeva in Fl. Tadzhiksoi SSR*, 7: 523, 153 (1984): *Peucedanum hissaricum*.

- KAILARSENIA** (Rubiaceae).
jardinei (F. Muell. ex Benth.) C.F. Puttock in *Austrobaileya*, 3(1): 53 (1989): *Gardenia jardinei*.
ochreate (F. Muell.) C.F. Puttock in *Austrobaileya*, 3(1): 54 (1989): *Gardenia ochreate*.
suffruticosa (R. Br. ex Benth.) C.F. Puttock in *Austrobaileya*, 3(1): 59 (1989): *Gardenia suffruticosa*.
- KALAKIA** (Umbellif.).
marginata (Boiss.) R. Alava in *Fl. Iran.*, 162: 472 (1987): *Cymbocarpum marginatum*.
f. leiocarpa (Borrm. & Gauba) R. Alava in *Fl. Iran.*, 162: 473 (1987): *Ducrosia stenocarpa* f. *leiocarpa*.
- KALANCHOE** (Crassulac.).
deficiens
var. glabra E. Raads in *Willdenowia*, 18(2): 423 (1989)—Yemen, South Yemen.
- KALOPANAX** (Araliac.).
septemlobus
var. pilosus Q.Z. Yu in *Acta Bot. Bor.-Occid. Sin.*, 5(3): 234 (1985), without type—China.
- KAMETTIA** (Apocynac.).
caryophyllata (Roxb.) D.H. Nicolson & C.R. Suresh in *Taxon*, 35(2): 354 (1986): *Echites caryophyllata*.
- KANAHIA** (Asclepiadac.).
carlsbergiana D. Field, I. Friis & M.G. Gilbert in *Nordic J. Bot.*, 6(6): 791 (1986)—Ethiopia.
- KANIA** (Myrtac.).
hirsutula (F. Muell.) A.J. Scott in *Kew Bull.*, 45(1): 206 (1990): *Myrtella hirsutula*.
- KARATAVIA** M.G. Pimenov & T.V. Lavrova in *Bot. Zhurn.*, 72(1): 36 (1987). **UMBELLIFERAE**.
kultiassovii (Korov.) M.G. Pimenov & T.V. Lavrova in *Bot. Zhurn.*, 72(1): 36 (1987): *Selinum kultiassovii*.
- KARIVIA** G.A.W. Arnott in *Madras J. Lit. Sci.*, 12: 50 (1840). **CUCURBITACEAE**.
- KARNATAKA** P.K. Mukherjee & L. Constance in *Brittonia*, 38(2): 145 (1986). **UMBELLIFERAE**.
benthamii (C.B. Clarke) P.K. Mukherjee & L. Constance in *Brittonia*, 38(2): 145 (1986): *Schultzia* ? *benthamii*.
- KAROMIA** (Verbenac.).
sect. *Cyclonemoides* R.B. Fernandes in *Garcia de Orta, Ser. Bot.*, 7(1-2): 36 (1985 publ. 1988).
humbertii (Moldenke) R.B. Fernandes in *Garcia de Orta, Ser. Bot.*, 7(1-2): 37 (1985 publ. 1988): *Holmskioldia humbertii*.
macrocalyx (Bak.) R.B. Fernandes in *Garcia de Orta, Ser. Bot.*, 7(1-2): 37 (1985 publ. 1988): *Vitex macrocalyx* (as 'microcalyx').
f. glabrescens (Moldenke) R.B. Fernandes in *Garcia de Orta, Ser. Bot.*, 7(1-2): 37 (1985 publ. 1988): *Holmskioldia macrocalyx* var. *glabrescens* (as 'microcalyx').
madagascariensis (Moldenke) R.B. Fernandes in *Garcia de Orta, Ser. Bot.*, 7(1-2): 38 (1985 publ. 1988): *Holmskioldia madagascariensis*.
microphylla (Moldenke) R.B. Fernandes in *Garcia de Orta, Ser. Bot.*, 7(1-2): 38 (1985 publ. 1988): *Holmskioldia microphylla*.
f. glabrescens (Moldenke) R.B. Fernandes in *Garcia de Orta, Ser. Bot.*, 7(1-2): 38 (1985 publ. 1988): *Holmskioldia microphylla* var. *glabrescens*.
mira (Moldenke) R.B. Fernandes in *Garcia de Orta, Ser. Bot.*, 7(1-2): 38 (1985 publ. 1988): *Holmskioldia mira*.
var. fissa (Moldenke) R.B. Fernandes in *Garcia de Orta, Ser. Bot.*, 7(1-2): 39 (1985 publ. 1988): *Holmskioldia mira* var. *fissa*.
speciosa (Hutch. & Corbish.) R.B. Fernandes in *Garcia de Orta, Ser. Bot.*, 7(1-2): 43 (1985 publ. 1988): *Holmskioldia speciosa*.
f. alba (Moldenke) R.B. Fernandes in *Garcia de Orta, Ser. Bot.*, 7(1-2): 44 (1985 publ. 1988): *Holmskioldia tettensis* f. *alba*.
f. flava (Moldenke) R.B. Fernandes in *Garcia de Orta, Ser. Bot.*, 7(1-2): 44 (1985 publ. 1988): *Holmskioldia tettensis* f. *flava*.
- KAROMIA** :—
tettensis (Klotzsch) R.B. Fernandes in *Garcia de Orta, Ser. Bot.*, 7(1-2): 39 (1985 publ. 1988): *Cyclonema tettense*.
- KARWINSKIA** (Rhamnac.).
johnstonii R. Fernández Nava in *Acta Bot. Mex.*, 2: 18 (1988)—Mexico.
rzedowskii R. Fernández Nava in *Acta Bot. Mex.*, 2: 11 (1988)—Mexico.
venturæ R. Fernández Nava in *Acta Bot. Mex.*, 2: 14 (1988)—Mexico.
- KEDARNATHA** P.K. Mukherjee & L. Constance in *Brittonia*, 38(2): 147 (1986). **UMBELLIFERAE**.
sanctuarii P.K. Mukherjee & L. Constance in *Brittonia*, 38(2): 147 (1986)—India.
- KEETIA** (Rubiaceae).
acuminata (De Wild.) D.M. Bridson in *Kew Bull.*, 41(4): 985 (1986): *Plectronia acuminata*.
angustifolia D.M. Bridson in *Kew Bull.*, 41(4): 971 (1986)—Rwanda, Burundi, Uganda.
carmichaelii D.M. Bridson in *Kew Bull.*, 41(4): 984 (1986)—Tanzania.
cornelia (Cham. & Schlecht.) D.M. Bridson in *Kew Bull.*, 41(4): 985 (1986): *Canthium cornelia*.
ferruginea D.M. Bridson in *Kew Bull.*, 41(4): 977 (1986)—Tanzania.
foetida (Hiern) D.M. Bridson in *Kew Bull.*, 41(4): 981 (1986): *Canthium foetidum*.
gracilis (Hiern) D.M. Bridson in *Kew Bull.*, 41(4): 986 (1986): *Canthium gracile*.
gueinzii (Sond.) D.M. Bridson in *Kew Bull.*, 41(4): 970 (1986): *Canthium gueinzii*.
hispidia (Benth.) D.M. Bridson in *Kew Bull.*, 41(4): 986 (1986): *Canthium hispidum*.
inaequilatera (Hutch. & Dalz.) D.M. Bridson in *Kew Bull.*, 41(4): 987 (1986): *Canthium inaequilaterum*.
koritschoneri D.M. Bridson in *Kew Bull.*, 41(4): 984 (1986)—Tanzania.
leucantha (K. Krause) D.M. Bridson in *Kew Bull.*, 41(4): 987 (1986): *Plectronia leucantha*.
mannii (Hiern) D.M. Bridson in *Kew Bull.*, 41(4): 988 (1986): *Canthium mannii*.
molundensis (K. Krause) D.M. Bridson in *Kew Bull.*, 41(4): 976 (1986): *Plectronia molundensis*.
var. macrostipulata (De Wild.) D.M. Bridson in *Kew Bull.*, 41(4): 976 (1986): *Plectronia macrostipulata*.
multiflora (Schum. & Thonn.) D.M. Bridson in *Kew Bull.*, 41(4): 988 (1986): *Psychotria multiflora*.
procteri D.M. Bridson in *Kew Bull.*, 41(4): 981 (1986)—Tanzania.
purpurascens (Bullock) D.M. Bridson in *Kew Bull.*, 41(4): 981 (1986): *Canthium purpurascens*.
purseglovei D.M. Bridson in *Kew Bull.*, 41(4): 972 (1986)—Uganda, Cameroun, Zaire.
riparia (De Wild.) D.M. Bridson in *Kew Bull.*, 41(4): 989 (1986): *Plectronia riparia*.
rubens (Hiern) D.M. Bridson in *Kew Bull.*, 41(4): 989 (1986): *Canthium rubens*.
rufivillosa (Robyns ex Hutch. & Dalz.) D.M. Bridson in *Kew Bull.*, 41(4): 990 (1986): *Canthium rufivillosum*.
rwandensis D.M. Bridson in *Kew Bull.*, 41(4): 990 (1986)—Rwanda.
tenuiflora (Hiern) D.M. Bridson in *Kew Bull.*, 41(4): 982 (1986): *Canthium tenuiflorum*.
venosa (Oliv.) D.M. Bridson in *Kew Bull.*, 41(4): 974 (1986): *Plectronia venosa*.
venosissima (Hutch. & Dalz.) D.M. Bridson in *Kew Bull.*, 41(4): 991 (1986): *Canthium venosissima*.
zanzibarica (Klotzsch) D.M. Bridson in *Kew Bull.*, 41(4): 979 (1986): *Canthium zanzibaricum*.
subsp. cornelioides (De Wild.) D.M. Bridson in *Kew Bull.*, 41(4): 979 (1986): *Plectronia cornelioides*.
subsp. gentilii (De Wild.) D.M. Bridson in *Kew Bull.*, 41(4): 980 (1986): *Plectronia gentilii*.
- KEFERSTEINIA** (Orchidac.).
andreettae G. Gerlach, T. Neudecker & H.G. Seeger in *Orchidee*, 40(4): 133 (1989)—Ecuador.
bismarckii C.H. Dodson & D.E. Bennett in *Ik. Pl. Trop.*, Ser. 2, 1: t. 83 (1989)—Peru.
chocoensis G. Gerlach & K. Senghas in *Orchidee*, 41(2): 45 (1990)—Colombia.
- KEFERSTEINIA** :—
guacamayoana C.H. Dodson & Hirtz in *Ik. Pl. Trop.*, Ser. 2, 6: t. 504 (1989)—Ecuador.
hirtzii C.H. Dodson in *Ik. Pl. Trop.*, Ser. 2, 6: t. 505 (1989)—Ecuador.
lafontainei K. Senghas & G. Gerlach in *Orchidee*, 41(2): 47 (1990)—French Guiana.
pastorellii C.H. Dodson & D.E. Bennett in *Ik. Pl. Trop.*, Ser. 2, 1: t. 85 (1989)—Peru.
pellita Rchb. f. ex C.H. Dodson & D.E. Bennett in *Ik. Pl. Trop.*, Ser. 2, 1: t. 86 (1989)—Ecuador, Peru.
vasquezii C.H. Dodson in *Ik. Pl. Trop.*, Ser. 2, 4: t. 345 (1989)—Bolivia.
- KEIRIA** S. Bowdich in T.E. Bowdich, Exc. Madeira: 258–259 (1825); cf. D.J. Mabberley in *Bot. Macaronesica*, 6: 61 (1980). **VITACEAE**?
lutea S. Bowdich in T.E. Bowdich, Exc. Madeira: 258–259 (1825); cf. D.J. Mabberley in *Bot. Macaronesica*, 6: 61 (1980)—Gambia.
- KEISKEA** (Labiata).
elsholtzioides
f. purpurea X.H. Guo in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 137 (1987)—China.
- KELLERIA** (Thymelaeac.).
laxa (Cheeseman) M.J. Heads in *Fl. Australia*, 18: 323, 134 (1990): *Drapetes dieffenbachii* var. *laxa*.
lyallii (Hook.f.) S. Berggren in *Minneskr. Fisiogr. Sällsk. Lund*, 8: 20 (1878): *Drapetes lyallii*.
- KENGIA** (Gramin.).
hackelii
subsp. nakaii (Keng) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 513 (1987): *Cleistogenes chinensis* var. *nakaii*.
- KENGYILIA** C. Yen & J.L. Yang in *Canad. J. Bot.*, 68(9): 1897 (1990). **GRAMINEAE**.
gobicola C. Yen & J.L. Yang in *Canad. J. Bot.*, 68(9): 1897 (1990)—Xinjiang.
- KERNERA** (Crucif.).
auriculata (Lam.) Sweet, *Hort. Brit.*: 467 (1827); cf. D.J. Mabberley in *Taxon*, 31(1): 71 (1982): *Basionym* not stated.
saxatilis (L.) Sweet, *Hort. Brit.*, 467 (1827); cf. D.J. Mabberley in *Taxon*, 31(1): 71 (1982): *Basionym* not stated.
- KERRIA** (Rosac.).
japonica
var. denticulata L.C. Wang & X.G. Sun in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(4): 45 (1990)—China.
- KERRIOTHYRSUS** C. Hansen in *Willdenowia*, 17(1-2): 154 (1988). **MELASTOMATACEAE**.
tetrandrus (Nayar) C. Hansen in *Willdenowia*, 17(1-2): 154 (1988): *Scorpiothyrsus tetrandrus*.
- KETELEERIA** (Pinac.).
davidiana
var. calcarea (Cheng & Fu) J. Silba in *Phytologia*, 68(1): 34 (1990): *K. calcarea*.
var. pubescens (Cheng & Fu) J. Silba in *Phytologia*, 68(1): 34 (1990): *K. pubescens*.
evelyniana
var. hainanensis (Chun & Tsiang) J. Silba in *Phytologia*, 68(1): 35 (1990): *K. hainanensis*.
var. roulettii (A. Cheval.) J. Silba in *Phytologia*, 68(1): 35 (1990): *Tsuga roulettii*.
fortunei
var. cyclolepis (Flous) J. Silba in *Phytologia*, 68(1): 35 (1990): *K. cyclolepis*.
var. xerophila (Hsueh & Hao) J. Silba in *Phytologia*, 68(1): 36 (1990): *K. xerophila*.
- KHAYA** A. Jussieu in Mirb. & Cass. apud Guill. in *Bull. Sci. Nat. Geol.*, 23: 238 (1830); cf. D.J. Mabberley in *Taxon*, 31(1): 66 (1982). **MELIACEAE**.
- KIBATALIA** (Apocynac.).
villosa Rudjiman in *Agric. Univ. Wageningen Pap.*, 86(5): 82 (1986 publ. 1987)—Borneo (Kalimantan, Sarawak), Malaya.

KICKXIA (Scrophulariac.).

- abhaica *D.A. Sutton, Revis. tribe Antirrhineae*: 241 (1988)—Saudi Arabia.
- acerbiana
subsp. montana (*Betsche*) *D. Heller in D. Heller & C.C. Heyn, Consp. Fl. Oriental.*, 4: 42 (1987), without basionym ref.: Basionym not stated.
- addressa *D.A. Sutton, Revis. tribe Antirrhineae*: 200 (1988)—Kenya.
- aegyptiaca
subsp. fruticosa (*Desf.*) *M. Qaiser in Fl. Libya*, 88: 65 (1982): *Linaria fruticosa*.
- cabulica (*Benth.*) *D.A. Sutton, Revis. tribe Antirrhineae*: 196 (1988): *Linaria cabulica*.
- collenetteana *D.A. Sutton, Revis. tribe Antirrhineae*: 208 (1988)—Saudi Arabia.
- corallicola *D.A. Sutton, Revis. tribe Antirrhineae*: 225 (1988)—Saudi Arabia.
- dentata (*Vahl*) *D.A. Sutton, Revis. tribe Antirrhineae*: 184 (1988): *Antirrhinum dentatum*.
- elatine
subsp. bombycina (*Boiss. & Bl.*) *J. Chrtek in Čas. Nár. Muz. (Prague)*, 153(2): 99 (1984): *Linaria bombycina*.
subsp. caucasica (*Mussin*) *J. Chrtek in Čas. Nár. Muz. (Prague)*, 153(2): 99 (1984): *Linaria caucasica*.
- elegans (*G. Forster*) *D.A. Sutton, Revis. tribe Antirrhineae*: 211 (1988): *Antirrhinum elegans*.
- glaberrima (*J.A. Schmidt*) *D.A. Sutton, Revis. tribe Antirrhineae*: 215 (1988): *Linaria brunneri* var. *glaberrima*.
- gracilis *D.A. Sutton, Revis. tribe Antirrhineae*: 222 (1988), nom. nov.: *Linaria gracilis* *R. Br. ex Benth.*
- hartlii (*Betsche*) *D. Heller in D. Heller & C.C. Heyn, Consp. Fl. Oriental.*, 4: 43 (1987): *Pogonorrhinum hartlii*.
- heterophylla
subsp. canariensis *V.W. Smith in D.A. Sutton, Revis. tribe Antirrhineae*: 220 (1988)—Canary Is.
- kasalensis *V.W. Smith in D.A. Sutton, Revis. tribe Antirrhineae*: 223 (1988)—Sudan.
- membranacea *D.A. Sutton, Revis. tribe Antirrhineae*: 191 (1988)—Bhutan.
- monodiana (*Maire*) *G. Alziar in Biocosme Mésogéen*, 5(3-4): 86 (1988): *Linaria monodiana*.
- petiolata *D.A. Sutton, Revis. tribe Antirrhineae*: 244 (1988)—Yemen.
- pseudoscoparia *V.W. Smith & D.A. Sutton in D.A. Sutton, Revis. tribe Antirrhineae*: 231 (1988)—Saudi Arabia.
- qaraica *D.A. Sutton, Revis. tribe Antirrhineae*: 227 (1988)—Oman.
- sabarum *V.W. Smith & D.A. Sutton in D.A. Sutton, Revis. tribe Antirrhineae*: 233 (1988)—Yemen.
- saccata *D.A. Sutton, Revis. tribe Antirrhineae*: 246 (1988)—Yemen.
- scalarum *D.A. Sutton, Revis. tribe Antirrhineae*: 237 (1988)—Yemen.
- spiniflora (*Schwartz*) *D.A. Sutton, Revis. tribe Antirrhineae*: 229 (1988): *Linaria spiniflora*.
- woodii *D.A. Sutton, Revis. tribe Antirrhineae*: 239 (1988)—Yemen, ?South Yemen.

KIELMEYERA (Guttif.).

- abditia *N. Suddi in Kew Bull.*, 42(1): 221 (1987)—Brazil.
var. linearifolia *N. Suddi in Bradea*, 4(42): 342 (1987)—Brazil.
- albopunctata *N. Suddi in Rodriguésia*, 36(60): 61 (1984)—Brazil.
- altissima *N. Suddi in Bradea*, 4(42): 341 (1987)—Brazil.
- bifaria *N. Suddi in Kew Bull.*, 42(1): 223 (1987)—Brazil.
- coriacea
var. glabripes *N. Suddi in Bradea*, 4(35): 283 (1986)—Brazil.
var. guaiensis *N. Suddi in Bradea*, 4(35): 283 (1986)—Brazil.
var. intermedia *N. Suddi in Bradea*, 4(35): 283 (1986)—Brazil.
var. pseudotomentosa *N. Suddi in Bradea*, 4(35): 283 (1986)—Brazil.
subsp. tomentosa (*Camb.*) *N. Suddi in Bradea*, 4(35): 283 (1986): *K. tomentosa*.

KIELMEYERA :-

- corymbosa
var. glaziouana *N. Suddi in Bradea*, 4(35): 284 (1986), as 'glaziouiana'—Brazil.
var. oligantha *N. Suddi in Bradea*, 4(35): 284 (1986)—Brazil.
- decipiens *N. Suddi in Rodriguésia*, 36(60): 60 (1984)—Brazil.
- divergens *N. Suddi in Rodriguésia*, 36(60): 61 (1984)—Brazil.
- insignis *N. Suddi in Rodriguésia*, 36(60): 60 (1984)—Brazil.
- itacarensis *N. Suddi in Bradea*, 4(42): 341 (1987)—Brazil.
- lathrophyton *N. Suddi in Kew Bull.*, 42(1): 225 (1987)—Brazil.
- obtecta *N. Suddi in Bradea*, 4(42): 338 (1987)—Brazil.
- occhioniana *N. Suddi in Rodriguésia*, 36(60): 62 (1984)—Brazil.
- paranaensis *N. Suddi in Rodriguésia*, 36(60): 43 (1984)—Brazil.
- petiolaris
var. cipoensis *N. Suddi in Bradea*, 4(35): 284 (1986)—Brazil.
- pumila
var. wawrana *N. Suddi in Bradea*, 4(35): 284 (1986), as 'wawraiana'—Brazil.
- regalis *N. Suddi in Kew Bull.*, 42(1): 227 (1987)—Brazil.
- rizziniana *N. Suddi in Rodriguésia*, 36(60): 60 (1984)—Brazil.
- rufibriflora
var. affinis *N. Suddi in Bradea*, 4(35): 285 (1986)—Brazil.
var. major *N. Suddi in Bradea*, 4(35): 285 (1986)—Brazil.
- rufotomentosa *N. Suddi in Rodriguésia*, 36(60): 62 (1984)—Brazil.
- sigillata *N. Suddi in Rodriguésia*, 36(60): 63 (1984)—Brazil.
- similis *N. Suddi in Bradea*, 4(42): 340 (1987)—Brazil.
- trichophora *N. Suddi in Bradea*, 4(42): 339 (1987)—Brazil.
- variabilis
var. robusta *N. Suddi in Bradea*, 4(35): 285 (1986)—Brazil.
var. stenophylla *N. Suddi in Bradea*, 4(35): 286 (1986)—Brazil.

KINGDON-WARDIA (Gentianac.).

- racemosa (*Griseb.*) *T.N. He in Fl. Xizangica*, 3: 982 (1986): *Ophelia racemosa*.

KINGHAMIA *C. Jeffrey in Kew Bull.*, 43(2): 274 (1988). **COMPOSITAE**.

- angustifolia (*Benth.*) *C. Jeffrey in Kew Bull.*, 43(2): 275 (1988): *Gymnanthemum angustifolium*.
- engleriana (*Muschl.*) *C. Jeffrey in Kew Bull.*, 43(2): 275 (1988): *Centrantherum englerianum*.
- foliosa (*O. Hoffm.*) *C. Jeffrey in Kew Bull.*, 43(2): 275 (1988): *Gutenbergia foliosa*.
- macrocephala (*Oliv. & Hiern*) *C. Jeffrey in Kew Bull.*, 43(2): 275 (1988): *Gutenbergia macrocephala*.
- nigritana (*Benth.*) *C. Jeffrey in Kew Bull.*, 43(2): 275 (1988): *Oiospermum nigritanum*.

KINGIDIUM (Orchidac.).

- braceanum (*Hk. f.*) *G. Seidenfaden in Op. Bot.*, 95: 187 (1988): *Doritis braceana*.
- minus *G. Seidenfaden in Op. Bot.*, 95: 188 (1988)—Thailand.

KIONOPHYTON (Orchidac.).

- riodelayensis (*Burns-Balogh*) *P.M. Catling in Lindleyana*, 4(4): 186 (1989): *Deiregyne riodelayensis*.

KITAGAWIA *M.G. Pimenov in Bot. Zhurn.*, 71(7): 943 (1986). **UMBELLIFERAE**.

- baicalensis (*Redow. ex Willd.*) *M.G. Pimenov in Bot. Zhurn.*, 71(7): 944 (1986): *Selinum baicalense*.
- eryngiifolia (*Kom.*) *M.G. Pimenov in Bot. Zhurn.*, 71(7): 948 (1986): *Peucedanum eryngiifolium*.
- komarovii *M.G. Pimenov in Bot. Zhurn.*, 71(7): 948 (1986), nom. nov.: *Peucedanum elegans* *Kom.*
- litoralis (*Worosch. & Gorovoi*) *M.G. Pimenov in Bot. Zhurn.*, 71(7): 948 (1986): *Peucedanum litorale*.

KITAGAWIA :-

- terebinthacea (*Fisch. ex Spreng.*) *M.G. Pimenov in Bot. Zhurn.*, 71(7): 944 (1986): *Selinum terebinthaceum*.
subsp. trichootheca *M.G. Pimenov in Bot. Zhurn.*, 71(7): 947 (1986)—U.S.S.R. (Soviet Far East), Mongolia, China, Sakhalin Is., Kuril Is., Japan.

KLAPROTHIA (Loasac.).

- fasciculata (*K. Presl*) *M.S. Poston in Syst. Bot.*, 15(4): 677 (1990): *Sclerothrix fasciculata*.

×KLEHMARA hort. in *Orchid Rev.*, 98(1155): centre page pull-out p. 10 (1990). **ORCHIDACEAE**. (*Diacrium* × *Laelia* × *Schomburgkia*).**KLEINIA** (Compos.).

- subgen. *Notonia* (*DC.*) *C. Jeffrey in Kew Bull.*, 41(4): 926 (1986): gen. *Notonia*.
- abyssinica
var. hildebrandtii (*Vatke*) *C. Jeffrey in Kew Bull.*, 41(4): 928 (1986): *Notonia hildebrandtii*.
- balsamica (*Dalz. & Gibs.*) *P. Halliday in Kew Bull.*, 42(2): 442 (1987): *Notonia balsamica*.
- breviflora *C. Jeffrey in Kew Bull.*, 41(4): 925 (1986)—Kenya, Tanzania.
- carnea (*Ait.*) *Endl., Cat. Horti Vindob.*, 1: 378 (1842); cf. *D.J. Mabberley in Taxon*, 33(3): 435 (1984): Basionym not stated.
- dolichocoma *C. Jeffrey in Kew Bull.*, 41(4): 925 (1986)—Kenya, Somali Republic.
- grandiflora
var. major (*Ramasw.*) *B.P. Uniyal in R.R. Rao et al., Fl. Ind. Enumerat. - Asterac.*: 47 (1988): *Notonia grandiflora* var. *major*.
- gregorii (*S. Moore*) *C. Jeffrey in Kew Bull.*, 41(4): 927 (1986): *Notonia gregorii*.
- gypsophila *J.P. Lebrun & A.L. Stork in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 11(4): 413 (1989 publ. 1990)—Ethiopia.
- ×hintermannii (*Gatf. & Maire*) *G. Kunkel in Gartenpraxis*, 14(1): 50 (1988): *Senecio* × *hintermannii*.
- implexa (*Bally*) *C. Jeffrey in Kew Bull.*, 41(4): 926 (1986): *Senecio implexus*.
- leptophylla *C. Jeffrey in Kew Bull.*, 41(4): 927 (1986)—Kenya, Ethiopia.
- longifolia *A.H. Haworth, Revis. Pl. Succ.*: 193 (1821)—Locality not stated.
- madagascariensis (*Humbert*) *P. Halliday in Hooker's Icon. Pl.*, 39(4): t. 3894 (1988): *Notonia madagascariensis*.
- mweeroensis (*Bak.*) *C. Jeffrey in Kew Bull.*, 41(4): 927 (1986): *Senecio mweeroensis*.
- obesa (*Deflers*) *P. Halliday in Hooker's Icon. Pl.*, 39(4): t. 3892 (1988): *Notonia obesa*.
- oligodonta *C. Jeffrey in Kew Bull.*, 41(4): 926 (1986)—Tanzania, Kenya.
- patriciae *C. Jeffrey in Kew Bull.*, 41(4): 927 (1986)—Tanzania.
- ×peregrina *G. Kunkel in Gartenpraxis*, 14(1): 52 (1988), contrary to Art. 9.5 ICBN (1983)—Cultivation.
- petraea (*R.E. Fr.*) *C. Jeffrey in Kew Bull.*, 41(4): 926 (1986): *Notonia petraea*.
- picticaulis (*Bally*) *C. Jeffrey in Kew Bull.*, 41(4): 927 (1986): *Senecio picticaulis*.
- rowleyana (*Jacobsen*) *G. Kunkel in Gartenpraxis*, 14(1): 52 (1988): *Senecio rowleyanus*.
- scottii (*Balf. f.*) *P. Halliday in Hooker's Icon. Pl.*, 39(4): t. 3897 (1988): *Senecio scottii*.
- scottioides *C. Jeffrey in Kew Bull.*, 41(4): 925 (1986)—Kenya, Uganda.
- shevaroyensis (*Fyson*) *B.P. Uniyal in R.R. Rao et al., Fl. Ind. Enumerat. - Asterac.*: 47 (1988): *Notonia shevaroyensis*.
- subulifolia (*Chiov.*) *P. Halliday in Hooker's Icon. Pl.*, 39(4): t. 3885 (1988): *Monadenium subulifolium*.
- vermicularis *C. Jeffrey in Kew Bull.*, 41(4): 928 (1986)—Tanzania.
- walkeri (*Clarke*) *B.P. Uniyal in R.R. Rao et al., Fl. Ind. Enumerat. - Asterac.*: 48 (1988): *Notonia walkeri*.

×KNAPPARA hort. in *Orchid Rev.*, 94(1109): centre page pull-out p. 8 (1986). **ORCHIDACEAE**. (*Ascocentrum* × *Rhynchostylis* × *Vanda* × *Vandopsis*).

KNAUTIA (Dipsacac.).

- hybrida (All.) Hort. ex Lag., *Elenchus*: 9 (1816); cf. *D.J. Mabberley in Taxon*, 31(1): 71 (1982): Basionym not stated.
lebrunii J. Prudhomme in *Bull. Mens. Soc. Linn. Lyon*, 56(4): 113 (1987)—France.

KNEIFFIA (Onagrac.).

- gracilis (Fisch. & Mey.) Bartl., *Ind. Sem. Hort. Acad. Gott.*, 1837: 4 (1837); cf. *D.J. Mabberley in Taxon*, 32(1): 85 (1983): Basionym not stated.
serotina (Lehm.) Bartl., *Ind. Sem. Hort. Acad. Gott.*, 1837: 4 (1837); cf. *D.J. Mabberley in Taxon*, 32(1): 85 (1983): *Oenothera serotina*.

KNEMA (Myricistac.).

- glauca
var. riparia W.J.F.O. de Wilde in *Blumea*, 32(1): 126 (1987)—Borneo (Sarawak).
lateritica
var. subtilis W.J.F.O. de Wilde in *Blumea*, 32(1): 118 (1987)—Philippine Is.
mogeana W.J.F.O. de Wilde in *Blumea*, 32(1): 136 (1987)—Borneo (Kalimantan, Sarawak, Sabah).
riangensis W.J.F.O. de Wilde in *Blumea*, 32(1): 138 (1987)—Borneo (Kalimantan, ?Sarawak).
stenophylla
subsp. longipedicellata (Sinclair) W.J.F.O. de Wilde in *Blumea*, 32(1): 130 (1987): *K. cinerea* f. longipedicellata.
stylosa (de Wilde) W.J.F.O. de Wilde in *Blumea*, 32(1): 119 (1987): *K. hirtella* var. stylosa.
subhirtella W.J.F.O. de Wilde in *Blumea*, 32(1): 131 (1987)—Borneo (Sarawak, Sabah).
viridis W.J.F.O. de Wilde in *Blumea*, 32(1): 121 (1987)—Borneo (Sarawak).

KNIPHOFIA (Asphodelac.).

- albomontana H. Baijnath in *S. Afr. J. Bot.*, 53(4): 307 (1987)—South Africa (Natal).
angustifolia (Bak.) L.E. Codd in *Bothalia*, 16(2): 231 (1986): *K. natalensis* var. angustifolia.
bruceae (Codd) L.E. Codd in *Bothalia*, 17(2): 185 (1987): *K. praecox* subsp. bruceae.
ichopenensis
var. aciformis L.E. Codd in *Bothalia*, 16(2): 231 (1986)—South Africa (Natal).
media (Ker) Endl., *Cat. Horti Vindob.*, 1: 110 (1842); cf. *D.J. Mabberley in Taxon*, 33(3): 435 (1984): Basionym not stated.

KNORRINGIA (Czukur.) N.N. Tsvelev in *Novosti Sist. Vyssh. Rast.*, 24: 76 (1987): Polygonum sect. Knorringia (Polygonac.).

- pamirica (Korsch.) N.N. Tsvelev in *Novosti Sist. Vyssh. Rast.*, 24: 76 (1987): Polygonum pamiricum.
sibirica (Laxm.) N.N. Tsvelev in *Novosti Sist. Vyssh. Rast.*, 24: 76 (1987): Polygonum sibiricum.

KNORRINGIA (Czukur.) S.P. Hong in *Nordic J. Bot.*, 9(4): 351 (1989 publ. 1990), isonym; see N.N. Tsvelev in *Novosti Sist. Vyssh. Rast.*, 24: 76 (1987): Polygonum sect. Knorringia (Polygonac.).

- sibirica (Laxman) S.P. Hong in *Nordic J. Bot.*, 9(4): 351 (1989 publ. 1990), isonym; see N.N. Tsvelev in *Novosti Sist. Vyssh. Rast.*, 24: 76 (1987): Polygonum sibiricum.
subsp. thomsonii (Meisner) S.P. Hong in *Nordic J. Bot.*, 9(4): 354 (1989 publ. 1990): Polygonum sibiricum var. thomsonii.

KNOXIA (Rubiace.).

- hedyotoidea (K. Schum.) C. Puff & E. Robbrecht in *Bot. Jahrb.*, 110(4): 548 (1989): *Baumannia hedyotoidea*.
manika (Verdcourt) C. Puff & E. Robbrecht in *Bot. Jahrb.*, 110(4): 548 (1989): *Afroknoxia manika*.

KOANOPHYLLON (Compos.).

- guerreroana B.L. Turner in *Phytologia*, 63(3): 203 (1987)—Mexico.
monanthum (Schultz-Bip.) T.J. Ayers & B.L. Turner in *Sida*, 13(3): 341 (1989): *Eupatorium monanthum*.
rzedowskii B.L. Turner in *Phytologia*, 63(3): 203 (1987)—Mexico.
sinaloensis B.L. Turner in *Phytologia*, 63(3): 202 (1987)—Mexico.

KOANOPHYLLON :-

- tripartitum B.L. Turner in *Phytologia*, 63(6): 413 (1987)—Mexico.

KOBRESIA (Cyperac.).

- bistaminata W.Z. Di & M.J. Zhong in *Acta Bot. Bor.-Occid. Sin.*, 6(4): 275 (1986)—China.
burangensis Y.C. Yang in *Fl. Xizangica*, 5: 374 (1987)—Xizang.
cercostachya
var. capillacea P.C. Li in *Acta Bot. Yunnanica*, 12(1): 17 (1990)—Xizang, China.
curticepis
var. gyirongensis Y.C. Yang in *Fl. Xizangica*, 5: 391 (1987)—Xizang.
daqingshanica X.Y. Mao in *Acta Sci. Nat. Univ. Intramongolicae*, 19(2): 341 (1988)—China.
esbirajbandarii K.R. Rajbhandari & H. Ohba in *J. Jap. Bot.*, 62(9): 272 (1987)—Nepal.
falcata Wang & Tang ex P.C. Li in *Acta Bot. Yunnanica*, 12(1): 18 (1990)—China.
harae K.R. Rajbhandari & H. Ohba in *J. Jap. Bot.*, 62(7): 193 (1987), as 'harai'—Nepal.
helanshanica W.Z. Di & M.J. Zhong in *Acta Bot. Bor.-Occid. Sin.*, 5(4): 311 (1985)—China.
inflata P.C. Li in *Acta Bot. Yunnanica*, 12(1): 16 (1990), contrary to Art. 37.5 ICBN (1988)—Xizang, China.
lacustris P.C. Li in *Acta Bot. Yunnanica*, 12(1): 14 (1990)—China.
lepidochlamys Wang & Tang ex P.C. Li in *Acta Bot. Yunnanica*, 12(1): 15 (1990)—China.
loliaceae Wang & Tang ex P.C. Li in *Acta Bot. Yunnanica*, 12(1): 13 (1990)—China.
longearistata P.C. Li in *Acta Bot. Yunnanica*, 12(1): 16 (1990)—China.
mallae K.R. Rajbhandari & H. Ohba in *J. Jap. Bot.*, 62(9): 270 (1987)—Nepal.
pinetorum Wang & Tang ex P.C. Li in *Acta Bot. Yunnanica*, 12(1): 14 (1990)—China.
pranii
var. elliptica Y.C. Yang in *Fl. Xizangica*, 5: 387 (1987)—Xizang.
simpliciuscula
var. subfilifolia (Egor., Jurtz. & Petrovsky) A.E. Kozhevnikov in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 3: 229 (1988), without basionym ref.: Basionym not stated.
var. subgolarctica (Egor.) A.E. Kozhevnikov in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 3: 229 (1988): *K. simpliciuscula* subsp. subgolarctica.
stenocarpa
var. simplex Y.C. Yang in *Fl. Xizangica*, 5: 395 (1987)—Xizang.
yadongensis Y.C. Yang in *Fl. Xizangica*, 5: 387 (1987)—Xizang.

KOEHNERIA S.A. Graham, H. Tobe & P. Baas in *Ann. Missouri Bot. Gard.*, 73(4): 805 (1986 publ. 1987). LYTHRACEAE.

- madagascariensis (Baker) S.A. Graham, H. Tobe & P. Baas in *Ann. Missouri Bot. Gard.*, 73(4): 806 (1986 publ. 1987): *Lagerstroemia madagascariensis*.

KOELERIA (Gramin.).

- arenaria (Dumort.) B.D. Jackson in *Index Kewensis*, 2: 10 (1753—1885 publ. 1894): *K. cristata* * (subsp.) arenaria.
arenaria (Dumortier) H.J. Conert in *G. Hegi, Illustr. Fl. Mitteleur.*, ed. 3, 1(3; Lief. 4): 270 (1987), isonym: *K. cristata* subsp. * *K. arenaria*.
calarashica M.G. Kalenichenko in *Bot. Zhurn.*, 71(1): 91 (1986)—U.S.S.R. (Moldavia).
cristata
subsp. ascoldensis (Roshev.) V.N. Voroshilov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 95(2): 91 (1990): *K. ascoldensis*.
subsp. helvetica (Domin) H.J. Conert in *G. Hegi, Illustr. Fl. Mitteleur.*, ed. 3, 1(3; Lief. 4): 267 (1987): *K. gracilis* subsp. helvetica.
subsp. hirsutiflora (Domin) N.V. Vlasova in *Fl. Sibir. (Poaceae)*, 2: 81 (1990): *K. gracilis* var. hirsutiflora.
dactylis Chaubard in *Bory & Chaubard, Nouv. Fl. Pélop.*: 6 (1838)—Locality not stated.

KOELERIA :-

- delavignei
subsp. veresczaginii Tzvel. ex N.V. Vlasova in *Bot. Zhurn.*, 72(12): 1667 (1987)—U.S.S.R. (Siberia).
mannagettae (Domin) D. Prain in *Index Kewensis*, Suppl. 4: (1906—10 publ. 1913): *K. alpigena* * mannagettae.
narbornensis (Domin) D. Prain in *Index Kewensis*, Suppl. 4: 135 (1906—10 publ. 1913): *K. gracilis* subsp. narbornensis.
pontarlieri (Domin) D. Prain in *Index Kewensis*, Suppl. 4: 135 (1906—10 publ. 1913): *K. albescens* subsp. pontarlieri.
schroeteriana (Domin) D. Prain in *Index Kewensis*, Suppl. 4: 135 (1906—10 publ. 1913): *K. eriostachya* subsp. schroeteriana.
subspicata (L.) Schrad. ex Mart., *Hort. Acad. Erlangen*: 40 (1814); cf. *D.J. Mabberley in Taxon*, 33(3): 442 (1984): Basionym not stated.
taurica M.G. Kalenichenko in *Bot. Zhurn.*, 71(1): 91 (1986)—U.S.S.R. (Crimea).
tzvelevii N.V. Vlasova in *Bot. Zhurn.*, 72(12): 1668 (1987)—U.S.S.R. (Siberia).

KOELLENSTEINIA (Orchidac.).

- abaetana L.P. de Queiroz in *Rev. Brasil. Bot.*, 10(1): 21 (1987)—Brazil.

KOENIGIA (Polygonac.).

- delicatula
subsp. relicta O. Hedberg in *J. Jap. Bot.*, 63(3): 73 (1988)—Xizang, Burma, China.

KOHAUTIA (Rubiace.).

- caespitosa
subsp. amaniensis (K. Krause) Mantell ex C. Puff, *Rubiaceae Fl. Ethiopia Area*: 31 (1989), without basionym ref.: *Oldenlandia amaniensis*.
subsp. brachyloba (Sonder) D. Mantell in *Fl. Zambes.*, 5(1): 88 (1989): *Hedyotis brachyloba*.
microflora D. Mantell in *Fl. Zambes.*, 5(1): 90 (1989)—Botswana, Namibia, South Africa (Cape Province, Transvaal).
subverticillata (K. Schum.) D. Mantell in *Fl. Zambes.*, 5(1): 89 (1989): *Oldenlandia subverticillata*.
subsp. eritreensis (Bremek.) Mantell ex C. Puff, *Rubiaceae Fl. Ethiopia Area*: 31 (1989), without basionym ref.: *K. lasiocarpa* var. eritreensis.

KONIGA (Crucif.).

- nummularia (Ehrbg.) Bunge, *Del. Sem. Hort. Bot. Dorpat.*, 1837; *Linnaea* 12, *Lit.*: 72 (?1839); cf. *D.J. Mabberley in Taxon*, 32(1): 85 (1983): Basionym not stated.

KOPSIA (Apocynac.).

- deverrei L. Allorge in *Phytologia*, 59(2): 93 (1986)—Malaya.

KORSHINSKYA (Umbellif.).

- rapifera (Gilli) Podlech & K.H. Rechinger in *Fl. Iran.*, 162: 261 (1987): *Bupleurum rapiferum*.

KORTHALSELLA (Viscac.).

- japonica
var. fasciculata (Van Tiegh.) H.S. Kiu in *Fl. Yunnanica*, 3: 374 (1983): *Bifaria fasciculata*.

KOSTELETZKYA (Malvac.).

- flavicentrum P.A. Fryxell & S.D. Koch in *Aliso*, 11(4): 549 (1987)—Mexico.

KOYAMAEA W.W. Thomas & G. Davidse in *Syst. Bot.*, 14(2): 189 (1989). CYPERACEAE.

- neblinensis W.W. Thomas & G. Davidse in *Syst. Bot.*, 14(2): 189 (1989)—Venezuela, Brazil.

KRAMERIA (Krameriace.).

- bahiana B.B. Simpson in *Brittonia*, 39(2): 198 (1987)—Brazil.

KRYPTOSTOMA (Orchidac.).

- geerinckiana M. Schajes in *Bull. Jard. Bot. Nation. Belg.*, 57(3—4): 483 (1987)—Zaire.

KUBITZKIA H. van der Werff in *Taxon*, 35(1): 165 (1986), nom. nov.: gen. Systemonodaphne Mez. (Laurac.).
macrantha (Kostermans) H. van der Werff in *Taxon*, 35(1): 165 (1986): Systemonodaphne *macrantha*.
mezii (Kostermans) H. van der Werff in *Taxon*, 35(1): 165 (1986): Systemonodaphne *mezii*.

KUDRJASCHEVIA (Labiata).
grubovii T.F. Kochkareva in *Fl. Tadzhikskoi SSR*, 8: 483, 163 (1986)—U.S.S.R. (Middle Asia).

KUHLHASSELLIA (Orchidac.).
halconensis J.J. Wood in *Kew Bull.*, 41(4): 814 (1986), nom. nov.: *Herpysma merrillii* Ames.

KUHNIA (Compos.).
maximiliani Sinning, *Del. Sem. Hort. Bot. Bonnen.*, 1838: 2, 3 (1938); cf. D.J. Mabberley in *Taxon*, 32(1): 85 (1983)—Locality not stated.

KUNDMANNIA (Umbellif.).
pastinacifolia (Bertol.) Sweet, *Hort. Brit.*, ed. 2: 247 (1830); cf. D.J. Mabberley in *Taxon*, 31(1): 71 (1982): Basionym not stated.

KUNTHERIA J.G. Conran & H.T. Clifford in *Fl. Australia*, 45: 490, 416 (1987). **COLCHICACEAE**.
pedunculata (F. Muell.) J.G. Conran & H.T. Clifford in *Fl. Australia*, 45: 491 (1987): Schelhammera *pedunculata*.

KUNZEA (Myrtac.).
ericoides
var. linearis (Kirk) W. Harris in *New Zealand J. Bot.*, 25(1): 134 (1987): *Leptospermum ericoides* var. *lineare*.
var. microflora (G. Simpson) W. Harris in *New Zealand J. Bot.*, 25(1): 134 (1987): *Leptospermum ericoides* var. *microflorum*.
sinclairii (Kirk) W. Harris in *New Zealand J. Bot.*, 25(1): 134 (1987): *Leptospermum sinclairii*.

KYLLINGA (Cyperac.).
brevifolioides (Delahoussaye & Thieret) G.C. Tucker in *J. Arnold Arbor.*, 68(4): 408 (1987): *Cyperus brevifolioides*.
chrysanthoides K. Mtotomwema in *Bot. Jahrb.*, 111(3): 292 (1990)—Burundi.
decolorans (Kük.) K. Mtotomwema in *Bot. Jahrb.*, 111(3): 291 (1990): *K. chrysantha* var. *decolorans*.
ngothae K. Mtotomwema in *Bot. Jahrb.*, 111(3): 294 (1990)—Kenya, Tanzania.
pseudobulbosa K. Mtotomwema in *Nordic J. Bot.*, 9(6): 638 (1990)—Tanzania.
robinsoniana K. Mtotomwema in *Nordic J. Bot.*, 9(6): 637 (1990)—Zambia, Mozambique, Tanzania, Kenya, Angola.
tisserantioides K. Mtotomwema in *Nordic J. Bot.*, 9(6): 639 (1990)—Nigeria.
uniflora K. Mtotomwema in *Nordic J. Bot.*, 9(6): 640 (1990)—Tanzania.

L

LABLAB (Legumin.).
purpureus
var. lignosus (Prain) Kumari ex M. Chandrabose & N.C. Nair, *Fl. Coimbatore*: 85 (1988): *Dolichos lablab* var. *lignosus*.

LABORDIA (Loganiac.).
hosakana (Sherff) W.L. Wagner, D.R. Herbst & S.H. Sohmer in *Bishop Mus. Occas. Pap.*, 29: 102 (1989): *L. hedyosmifolia* var. *hosakana*.

LACANDONIA E. Martínez & C.H. Ramos in *Ann. Missouri Bot. Gard.*, 76(1): 128 (1989). **LACANDONIACEAE**.
schismatica E. Martínez & C.H. Ramos in *Ann. Missouri Bot. Gard.*, 76(1): 130 (1989)—Mexico.

LACHENALIA (Hyacinthac.).
barkeriana U. Müller-Doblies, B. Nordenstam & D. Müller-Doblies in *S. Afr. J. Bot.*, 53(6): 486 (1987)—South Africa (Cape Province).
dehoopensis W.F. Barker in *S. Afr. J. Bot.*, 53(2): 167 (1987)—South Africa (Cape Province).
kliprandensis W.F. Barker in *S. Afr. J. Bot.*, 53(2): 168 (1987)—South Africa (Cape Province).
leomontana W.F. Barker in *S. Afr. J. Bot.*, 53(2): 169 (1987)—South Africa (Cape Province).
macgregorium W.F. Barker in *J. S. Afr. Bot.*, 45(2): 199 (1979); error 'macgregori' corrected by G.D. Duncan in *Flow. Pl. Afr.*, 49(3-4): t. 1951 (1987)—South Africa (Cape Province).
minima W.F. Barker in *S. Afr. J. Bot.*, 53(2): 166 (1987)—South Africa (Cape Province).
namibiensis W.F. Barker in *S. Afr. J. Bot.*, 53(2): 170 (1987)—Namibia.

LACHNOPHYLLUM A. Bunge, *Beitr. Fl. Russl.*: 151 (1852). **COMPOSITAE**.
gossypinum A. Bunge, *Beitr. Fl. Russl.*: 151 (1852)—U.S.S.R. (Middle Asia).
LACTUCA (Compos.).
inermis
var. myriocephala (Dethier) A. Lawalrée in *Fl. Afr. Centr., Spermatophytes*, Compos. 66 (1986): *L. capensis* var. *myriocephala*.
kashmiriana S.K. Mangain & R.R. Rao in *J. Bombay Nat. Hist. Soc.*, 83(2): 406 (1986)—India.
lahulensis S.K. Mangain & R.R. Rao in *Bull. Bot. Surv. India*, 27(1-4): 120 (1985 publ. 1987)—India.
pakistanica T. Akhtar & M.N. Chaudhri in *Pakistan Syst.*, 3(1): 25 (1987)—Pakistan.

LAELIA (Orchidac.).
subgen. Crispae (Pfitz.) C.L. Withner, *Cattleyas & Relatives*, 2: 18 (1990), without basionym ref.: *L. sect. Crispae*.
subgen. Microlaelia (Schlechter) C.L. Withner, *Cattleyas & Relatives*, 2: 18 (1990), without basionym ref.: *L. sect. Microlaelia*.
subgen. Parviflorae (Lindley) C.L. Withner, *Cattleyas & Relatives*, 2: 18 (1990), without basionym ref.: *L. sect. Parviflorae*.
aurea A. Navarro in *Orquídea (México)*, 12(1): 42 (1990)—Mexico.
brevicaulis (H.G. Jones) C.L. Withner, *Cattleyas & Relatives*, 2: 48 (1990): *Hoffmannseggella brevicaulis*.
duveenii J.A. Fowlie in *Orchid Dig.*, 52(4): 180 (1988)—Brazil.
hookeri Schouw, *Forteg. Kjöb. Bot. Hav. Pl.*: 25 (1847); cf. D.J. Mabberley in *Taxon*, 33(3): 439 (1984)—Locality not stated.
sanguiloba C.L. Withner, *Cattleyas & Relatives*, 2: 122 (1990)—Brazil.
sincorana
var. delicata J.A. Fowlie in *Orchid Dig.*, 53(3): 105 (1989), without latin descr. or type—Locality not stated.
var. marmorata J.A. Fowlie in *Orchid Dig.*, 53(3): 105 (1989), without latin descr. or type—Locality not stated.
spectabilis (Paxton) C.L. Withner, *Cattleyas & Relatives*, 2: 127 (1990): *Cattleya spectabilis*.
tenebrosa (R.A. Rolfe) R.A. Rolfe in *Orchid Rev.*, 1(5): 146 (1893): *L. grandis* var. *tenebrosa*.

LAELIOPSIS R.P. Saulea in *Phytologia*, 65(1): 28 (1988). **ORCHIDACEAE**. (Laeliopsis × Psychilis).
yumanensis (Withner) R.P. Saulea in *Phytologia*, 65(1): 28 (1988): × *Epilopsis yumanensis*.

LAENNECIA (Compos.).
sect. Sophiifolium G.L. Nesom in *Phytologia*, 68(3): 208 (1990).
altoandina (Cabrera) G.L. Nesom in *Phytologia*, 68(3): 214 (1990): *Conyza altoandina*.
artemisifolia (Meyen & Walp.) G.L. Nesom in *Phytologia*, 68(3): 215 (1990): *Conyza artemisifolia*.
chihuahuana G.L. Nesom in *Phytologia*, 68(3): 216 (1990)—Mexico.
confusa (Cronq.) G.L. Nesom in *Phytologia*, 68(3): 217 (1990): *Conyza confusa*.

LAENNECIA :-
coulteri (A. Gray) G.L. Nesom in *Phytologia*, 68(3): 217 (1990): *Conyza coulteri*.
eriophylla (A. Gray) G.L. Nesom in *Phytologia*, 68(3): 218 (1990): *Erigeron eriophyllus*.
lasseriana (Aristeg.) G.L. Nesom in *Phytologia*, 68(3): 221 (1990): *Conyza lasseriana*.
microglossa (S.F. Blake) G.L. Nesom in *Phytologia*, 68(3): 221 (1990): *Erigeron microglossus*.
mima (S.F. Blake) G.L. Nesom in *Phytologia*, 68(3): 222 (1990): *Conyza mima*.
pimana G.L. Nesom & J.E. Laferrière in *Phytologia*, 68(3): 203 (1990)—Mexico.
prolialba (Cuatr.) G.L. Nesom in *Phytologia*, 68(3): 223 (1990): *Conyza prolialba*.
schiedeana (Less.) G.L. Nesom in *Phytologia*, 68(3): 224 (1990): *Erigeron schiedeana*.
sophiifolia (Kunth) G.L. Nesom in *Phytologia*, 68(3): 225 (1990): *Conyza sophiifolia*.

LAFOENSIA (Lythrac.).
vandelliana
subsp. replicata (Pohl) A. Lourteig in *Mem. Soc. Cienc. Nat. La Salle*, 45(123): 134 (1985): *L. replicata*.

LAGENANDRA (Arac.).
dewittii W. Crusio & A. de Graaf in *Aqua Planta*, 1986(2): 57 (1986)—Sri Lanka.
gomezii (Schott) J. Bogner & N. Jacobsen in *Aqua Planta*, 1987(2): 49 (1987): *Cryptocoryne gomezii*.

LAGENARIA (Cucurbitac.).
natalensis Huber, *Cat. Graines 1867*: 9 (1867); cf. D.J. Mabberley in *Taxon*, 34(3): 452 (1985)—Locality not stated.

LAGERSTROEMIA (Lythrac.).
archeriana
subsp. divaricatiflora H.J. Hewson in *Fl. Australia*, 18: 321, 112 (1990)—Australia (W. Australia).
subcostata
var. fauriei (Koehne) Hatusima ex T. Yahara in *J. Fac. Sci. Univ. Tokyo, Bot.*, 14(2): 98 (1987): *L. fauriei*.

LAGOCHILUS (Labiata).
aucherii
var. elegans Z. Jamzad in *Iranian J. Bot.*, 4(1): 96 (1988)—Iran.
subsp. heterophyllus Z. Jamzad in *Iranian J. Bot.*, 4(1): 97 (1988)—Iran.
var. tomentosus Z. Jamzad in *Iranian J. Bot.*, 4(1): 96 (1988)—Iran.
inebrians A. Bunge, *Beitr. Fl. Russl.*: 262 (1852)—U.S.S.R. (Middle Asia).
lasiocalyx (Stapf) Z. Jamzad in *Iranian J. Bot.*, 4(1): 97 (1988): *L. aucherii* var. *lasiocalyx*.
quadridentatus Z. Jamzad in *Iranian J. Bot.*, 4(1): 100 (1988)—Iran.

LAGUNAEA (Malvac.).
lobata (Murr.) Schreber ex Spreng., *Bot. Gart. Univ. Halle*: 52 (1800); cf. D.J. Mabberley in *Taxon*, 31(1): 71 (1982): Basionym not stated.

LAGUNARIA (Malvac.).
patersonia
subsp. bracteata (Benth.) P.S. Green in *Kew Bull.*, 45(2): 242 (1990): *L. patersonia* var. *bracteata*.

LAGURUS (Gramin.).
ovatus
var. subglaber H. Scholz in *Willdenowia*, 19(2): 405 (1990)—Algeria.
subsp. vestitus (Messeri) S. Brullo in *Colloqu. Phytosociolog.*, 12: 81 (1983); see *Publ. Ist. Bot. Univ. Catania* (1985): *L. ovatus* var. *vestitus*.
subsp. vestitus (Messeri) H. Scholz in *Willdenowia*, 19(2): 407 (1990), isonym: *L. ovatus* var. *vestita*.

LAGYNIAS (Rubiace.).
subgen. Bembea B. Verdcourt in *Kew Bull.*, 42(1): 141 (1987).
rufescens (E.A. Bruce) B. Verdcourt in *Kew Bull.*, 42(1): 143 (1987): *Ancylanthos rufescens*.
subsp. angustiloba B. Verdcourt in *Kew Bull.*, 42(1): 143 (1987)—Tanzania.

LAMIATRUM (Labiata).

galeobdolon

subsp. argentatum (Smejkal) C.A. Stace in *Watsonia*, 17(4): 443 (1989); *Galeobdolon argentatum*.

LAMIOPHLOMIS (Labiata).

rotata

var. subglabra C.Y. Wu in *Fl. Xizangica*, 4: 159 (1985)—Xizang.

LAMIUM (Labiata).

ser. Alba Gorschk. ex Sh.I. *Kutateladze in Fl. Gruzii*, ed. 2, 11: 237 (1987).

sect. Amplicaulae J. Mennema, *Taxon. Revis. Lamium* (Leiden Bot. Ser., 11): 48 (1989).

ser. Maculata Gorschk. ex Sh.I. *Kutateladze in Fl. Gruzii*, ed. 2, 11: 238 (1987).

ser. Tomentosa Gorschk. ex Sh.I. *Kutateladze in Fl. Gruzii*, ed. 2, 11: 237 (1987).

album

subsp. barbatum (Siebold & Zucc.) J. Mennema, *Taxon. Revis. Lamium* (Leiden Bot. Ser., 11): 70 (1989); *L. barbatum*.

amplexicaule

var. orientale (Pacz.) J. Mennema, *Taxon. Revis. Lamium* (Leiden Bot. Ser., 11): 57 (1989); *L. amplexicaule* f. *orientale*.

× *conradiæ* G. Bosc in *Candollea*, 41(1): 60 (1986), without type—Corsica. (*L. corsicum* × *garganicum subsp. laevigatum*).

galeobdolon

subsp. argentatum (Smejkal) J. DuVigneaud in *Bull. Jard. Bot. Nation. Belg.*, 57(3-4): 459 (1987); *Galeobdolon argentatum*.

f. argentatum (Smejkal) J. Mennema, *Taxon. Revis. Lamium* (Leiden Bot. Ser., 11): 46 (1989); *Galeobdolon argentatum*.

garganicum

var. armenum (Boiss.) J. Mennema, *Taxon. Revis. Lamium* (Leiden Bot. Ser., 11): 109 (1989); *L. armenum*.

subsp. corsicum (Gren. & Godron) J. Mennema, *Taxon. Revis. Lamium* (Leiden Bot. Ser., 11): 104 (1989); *L. corsicum*.

subsp. longiflorum (Ten.) M. Kerguelen in *Lejeunia*, 120: 116 (1987); *L. longiflorum*.

var. microphyllum (Boiss.) J. Mennema, *Taxon. Revis. Lamium* (Leiden Bot. Ser., 11): 110 (1989); *L. microphyllum*.

gilongensis H.W. Li in *Fl. Xizangica*, 4: 163 (1985)—Xizang.

moschatum

subsp. micranthum (Boiss.) J. Mennema, *Taxon. Revis. Lamium* (Leiden Bot. Ser., 11): 85 (1989); *L. moschatum* var. *micranthum*.

purpureum

subsp. caucasicum (Grossh.) Yu.L. Menitskii in *Fl. Armenii*, 8: 80 (1987); *L. caucasicum*.

var. ehrenbergii (Boiss.) Reuter ex Boiss.) J. Mennema, *Taxon. Revis. Lamium* (Leiden Bot. Ser., 11): 120 (1989); *L. ehrenbergii*.

sempervirens A.P. Khokhryakov in *Byull. Glavn. Bot. Sada* (Moscow), 152: 61 (1989)—U.S.S.R. (Caucasus), Turkey.

LAMPFRANTHUS (Aizoac.).

deltoides (L.) Glen ex D.O. Wijnands, *Botany Commelinis*: 148 (1983); *Mesembryanthemum deltoides*.

deltoides (L.) H.F. Glen in *Bothalia*, 16(1): 55 (1986); *Mesembryanthemum deltoides*.

var. caulescens (Mill.) G.D. Rowley in *Excelsa*, 12: 34 (1986); *Mesembryanthemum caulescens*.

glaucus

subsp. aureus (L.) Glen ex D.O. Wijnands, *Botany Commelinis*: 149 (1983), without basionym ref.: Basionym not stated.

LAMPROCOCCUS (Bromeliac.).

brevicollis (L.B. Smith) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 70 (1989); *Aechmea brevicollis*.

campanulata (L.B. Smith) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 70 (1989); *Aechmea campanulata*.

carvalhoi (E. Pereira & Leme) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 71 (1989); *Aechmea carvalhoi*.

LAMPROCOCCUS :-

cathartii (C.F. Reed & R.W. Read) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 71 (1989); *Aechmea cathartii*.

farinosus

var. discolor (Beer ex Baker) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 71 (1989); *Aechmea conglomerata* var. *discolor*.

var. glomeratus (Beer) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 71 (1989); *L. glomeratus*.

pedicellatus (E.M.C. Leme & H.E. Luther) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 71 (1989); *Aechmea pedicellata*.

podanthus (L.B. Smith) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 71 (1989); *Aechmea podantha*.

racinae (L.B. Smith) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 71 (1989); *Aechmea racinae*.

var. erectus (L.B. Smith) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 71 (1989); *Aechmea racinae* var. *erecta*.

var. tubiformis (E. Pereira) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 71 (1989); *Aechmea racinae* var. *tubiformis*.

victorianus (L.B. Smith) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 71 (1989); *Aechmea victoriana*.

var. discolor (M.B. Foster) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 71 (1989); *Aechmea victoriana* var. *discolor*.

warasii (E. Pereira) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 71 (1989); *Aechmea warasii*.

LAMPROCONUS (Bromeliac.).

maidifolia (C. Morr.) Jacob-Makoy, *Prix Cour. Pl. Nouv.*, 120: 23 (1879); cf. D.J. Mabberley in *Taxon*, 34(3): 456 (1985); Basionym not stated.

LANGLOISIA (Polemoniace.).

setosissima

subsp. punctata (Coville) S. Timbrook in *Madroño*, 33(3): 169 (1986); *Gilia setosissima* var. *punctata*.

LANTANA (Verbenace.).

camara

f. glandulosa R.B. Fernandes in *Bol. Soc. Brot.*, 61: 132 (1988)—Angola, Mexico, Guatemala, Costa Rica, Venezuela, Brazil, Uruguay, Argentina, Chile.

depressa

var. floridana (Moldenke) R.W. Sanders in *Syst. Bot.*, 12(1): 55 (1987); *L. bahamensis* var. *floridana*.

var. sanibelensis R.W. Sanders in *Syst. Bot.*, 12(1): 55 (1987)—U.S.A. (Florida).

hodgei R.W. Sanders in *J. Arnold Arbor.*, 68(3): 343 (1987)—Windward Is.

machadoi R.B. Fernandes in *Bol. Soc. Brot.*, 61: 142 (1988)—Angola.

moldenkei R.B. Fernandes in *Bol. Soc. Brot.*, 61: 147 (1988)—Zimbabwe.

ruiz-teranii S. López-Palacios & J.A. Steyermark in *Acta Bot. Venezuel.*, 14(1): 163 (1983); et in *Ernstia*, 36: 10 (1986)—Venezuela.

tiliifolia

f. glandulosa (Schau.) R.B. Fernandes in *Bol. Soc. Brot.*, 61: 179 (1988); *L. tiliifolia* var. *glandulosa*.

trifolia

f. congolensis (Moldenke) R.B. Fernandes in *Bol. Soc. Brot.*, 59: 254 (1986); *L. mearsii* var. *congolensis*.

urticifolia

subsp. moldenkei R.W. Sanders in *Moscovisa*, 5: 202 (1989)—Hispaniola (Dominican Republic, Haiti), Puerto Rico.

subsp. zanonii R.W. Sanders in *Moscovisa*, 5: 206 (1989)—Hispaniola (Dominican Republic).

urticiformis Huber, *Cat. Gén.* 1871 & 1872: 4 (1871); cf. D.J. Mabberley in *Taxon*, 34(3): 451 (1985)—Brazil.

viburnoides

subsp. richardii R.B. Fernandes in *Bol. Soc. Brot.*, 61: 200 (1988)—Ethiopia, Uganda, Kenya, Tanzania, Zambia, Zimbabwe, Malawi, Mozambique, Angola.

var. richardii R.B. Fernandes in *Bol. Soc. Brot.*, 61: 201 (1988)—Ethiopia, Uganda, Kenya, Tanzania, Zambia, Zimbabwe, Malawi, Mozambique, Angola.

LAPEIROUSIA (Iridac.).

subgen. Paniculata P. Goldblatt & J.C. Manning in *Ann. Missouri Bot. Gard.*, 77(2): 373 (1990).

sect. Paniculata P. Goldblatt & J.C. Manning in *Ann. Missouri Bot. Gard.*, 77(2): 373 (1990).

sect. Sophronia (Lichst. ex Roemer & Schultes) P. Goldblatt & J.C. Manning in *Ann. Missouri Bot. Gard.*, 77(2): 373 (1990); gen. *Sophronia*.

angolensis P. Goldblatt in *Ann. Missouri Bot. Gard.*, 77(3): 458 (1990)—Angola, Zambia.

littoralis

subsp. caudata (Schinz) P. Goldblatt in *Ann. Missouri Bot. Gard.*, 77(3): 478 (1990); *L. caudata*.

teretifolia (Geerinck et al.) P. Goldblatt in *Ann. Missouri Bot. Gard.*, 77(3): 457 (1990); *L. erythrantha* var. *teretifolia*.

LAPLACEA (Theac.).

fruticosa

var. chimantae J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 650 (1987)—Venezuela.

pubescens

var. minor J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 652 (1987)—Venezuela.

LAPORTEA (Urticac.).

glandulosa (Wedd.) V.C. Lima in *Prog. Resum. Soc. Bot. Brasil*, XXXVI Congr. Nac. Bot., Curitiba: 362 (1985), without basionym ref.: *Fleurya glandulosa*.

medogensis C.J. Chen in *Acta Phytotax. Sin.*, 28(1): 68 (1990)—Xizang.

peduncularis

subsp. latidens I. Friis in *Bol. Soc. Brot.*, 58: 206 (1985)—Mozambique, South Africa (Natal).

LAPPULA (Boraginac.).

alaca (M. Pop.) M.M. Nabiev in *Opred. Rast. Sred. Azii*, 8: 138 (1986); *Lepechinella alaca*.

austrodshungarica (Golosc.) M.M. Nabiev in *Opred. Rast. Sred. Azii*, 8: 138 (1986); *Lepechinella austrodshungarica*.

betpakdalensis M.M. Nabiev in *Opred. Rast. Sred. Azii*, 8: 138 (1986), nom. nov.: *Lepechinella balchaschensis* M. Pop.

coronifera

subsp. zaissanica N.K. Aralbaev in *Bot. Zhurn.*, 75(5): 707 (1990)—U.S.S.R. (Middle Asia).

michaelis (Golosc.) M.M. Nabiev in *Opred. Rast. Sred. Azii*, 8: 138 (1986); *Lepechinella michaelis*.

minuta (Lipsky) M.M. Nabiev in *Opred. Rast. Sred. Azii*, 8: 138 (1986); *Paracaryum minutum*.

mogoltavica M. Pop. ex A.P. Chukavina in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 3(92): 92 (1983)—U.S.S.R. (Middle Asia).

nevskii L.M. Raenko in *Bot. Zhurn.*, 72(1): 99 (1987)—U.S.S.R. (Middle Asia).

sarawschanica (Lipsky) M.M. Nabiev in *Opred. Rast. Sred. Azii*, 8: 137 (1986); *Paracaryum sarawschanicum*.

semnanensis H. Riedl & M. Iranshahr in *Linz. Biol. Beitr.*, 17(2): 327 (1985)—Iran.

transalaca (M. Pop.) M.M. Nabiev in *Opred. Rast. Sred. Azii*, 8: 137 (1986); *Lepechinella transalaca*.

LARIX (Pinac.).

communis Lindl. in *Loud., Encycl. Pl.*: 806 (1829); cf. D.J. Mabberley in *Taxon*, 31(1): 71 (1982)—Locality not stated.

gmelinii

var. cajanderi (Mayr.) J. Silba in *Phytologia*, 68(1): 36 (1990); *L. cajanderi*.

f. hsinganica (Yang & Y.L. Chou) Y.L. Chou, *Ligneous Fl. Heilongjiang*: 36 (1986); *L. gmelinii* var. *hsinganica*.

griffithiana

var. speciosa (Cheng & Law) J. Silba in *Phytologia*, 68(1): 37 (1990); *L. speciosa*.

olgensis

var. heilingensis (Yang & Y.L. Chou) Y.L. Chou, *Ligneous Fl. Heilongjiang*: 40 (1986); *L. heilingensis*.

potaninii

var. himalaica (Cheng & Fu) Farjon & J. Silba in *Phytologia*, 68(1): 37 (1990); *L. himalaica*.

LASERPITIUM (Umbellif.).

- siler
 subsp. laeve (Halácsy) P. Hartvig in A. Strid (ed.), *Mount. Fl. Greece*, 1: 732 (1986): L. garganicum var. laeve.

LASIADENIA (Thymelaeac.).

- ottoburteri T. Plowman & L.I. Neuling in *Brittonia*, 38(2): 114 (1986)—Venezuela.

LASIANTHAEA (Compos.).

- beckeri B.L. Turner in *Phytologia*, 65(5): 361 (1988)—Mexico.
 belizeana B.L. Turner in *Phytologia*, 65(5): 363 (1988)—Belize.
 breedlovei B.L. Turner in *Phytologia*, 65(5): 364 (1988)—Mexico.
 calva (Greenm.) B.L. Turner in *Phytologia*, 65(5): 365 (1988): *Perymenium* (?) calvum.
 gentryi B.L. Turner in *Phytologia*, 66(6): 496 (1989)—Mexico.
 guatemalensis (J.D. Smith) B.L. Turner in *Phytologia*, 65(5): 366 (1988): *Zexmenia guatemalensis*.
 kingii (H. Rob.) B.L. Turner in *Phytologia*, 65(5): 366 (1988): *Zexmenia kingii*.
 lundellii (H. Rob.) B.L. Turner in *Phytologia*, 65(5): 367 (1988): *Oyedaea lundellii*.
 salvinii (Hemsl.) B.L. Turner in *Phytologia*, 65(5): 367 (1988): *Zexmenia salvinii*.
 steyermarkii (Blake) B.L. Turner in *Phytologia*, 65(5): 367 (1988): *Oyedaea steyermarkii*.

LASIANTHUS (Rubiace.).

- andamanicus
 var. ciliatus D.B. Deb & M. Gangopadhyay in *J. Bombay Nat. Hist. Soc.*, 84(2): 458 (1987 publ. 1988)—Andaman Is., Nicobar Is.
 bahorucanus T.A. Zanoni in *Moscosoa*, 5: 101 (1989)—Hispaniola (Dominican Republic).
 lucidus
 var. caudisepalus D.B. Deb & M. Gangopadhyay in *J. Bombay Nat. Hist. Soc.*, 84(2): 458 (1987 publ. 1988)—India.
 meeboldii D.B. Deb & M. Gangopadhyay in *J. Bombay Nat. Hist. Soc.*, 84(2): 412 (1987 publ. 1988)—Burma.
 wallichii
 var. glabriusculus D.B. Deb & M. Gangopadhyay in *J. Bombay Nat. Hist. Soc.*, 84(2): 462 (1987 publ. 1988)—Burma.

LASIOCARYUM (Boraginac.).

- munroi
 var. diffusum (Brand.) B.N. Mehrotra & B.S. Aswal in *J. Econ. Taxon. Bot.*, 6(3): 608 (1985), without basionym ref.: *Microcaryum diffusum*.

LASTARRIAEA (Polygonac.).

- ptilota J.L. Reveal in *Phytologia*, 66(3): 217 (1989)—Mexico.

LATHYRUS (Legumin.).

- sect. *Apteri* (Czefr.) Z.V. Chefranova in *Fl. Evropejskoj Chasti SSSR*, 6: 153 (1987): L. subsect. *Apteri*.
 sect. *Maritimi* (Czefr.) Z.V. Chefranova in *Fl. Evropejskoj Chasti SSSR*, 6: 163 (1987): L. subsect. *Maritimi*.
 sect. *Odorati* Z.V. Chefranova in *Fl. Evropejskoj Chasti SSSR*, 6: 153 (1987).
 sect. *Pisiformes* (Czefr.) Z.V. Chefranova in *Fl. Evropejskoj Chasti SSSR*, 6: 165 (1987): L. subsect. *Pisiformes*.
 subgen. *Pseudorobus* Z.V. Chefranova in *Fl. Evropejskoj Chasti SSSR*, 6: 156 (1987).
 sect. *Rotundifolii* Z.V. Chefranova in *Fl. Evropejskoj Chasti SSSR*, 6: 153 (1987).
 sect. *Saxatiles* Z.V. Chefranova in *Fl. Evropejskoj Chasti SSSR*, 6: 166 (1987).
 sect. *Setifolii* Z.V. Chefranova in *Fl. Evropejskoj Chasti SSSR*, 6: 156 (1987), nom. nov.: L. subsect. *Annui Czefr.*
 sect. *Sphaerici* Z.V. Chefranova in *Fl. Evropejskoj Chasti SSSR*, 6: 167 (1987).
 sect. *Variiflori* (Czefr.) Z.V. Chefranova in *Fl. Evropejskoj Chasti SSSR*, 6: 166 (1987): L. subsect. *Variiflori*.

LATHYRUS :-

- anhuiensis Y.J. Zhu & R.X. Meng in *Acta Phytotax. Sin.*, 24(5): 402 (1986)—China.
 belinensis N. Maxted & D.J. Goyder in *Kew Bull.*, 43(4): 711 (1988)—Turkey.
 davidii
 var. roseus C.W. Chang in *Fl. Tsinlingensis*, 1(3): 450, 102 (1981)—China.
 glandulosus S.L. Broich in *Madroño*, 33(2): 136 (1986)—U.S.A. (California).
 grimesii R.C. Barneby in A. Cronquist et al., *Intermountain Fl., Vasc. Pl. Intermountain West, U.S.A.*, 3B: 208 (1989)—U.S.A. (Nevada).
 italicus *3ss. ex Spreng., Bot. Gart. Univ. Halle*: 53 (1800); cf. D.J. Mabberley in *Taxon*, 32(1): 85 (1983)—Locality not stated.
 japonicus
 subsp. pubescens A.A. Korobkov in *Arktich. Fl. SSSR*, 9(2): 173 (1986)—U.S.S.R. (European Russia, Soviet Far East), Canada (Labrador, N.W. Terr., Ontario), Alaska, Newfoundland, Greenland, Aleutian Is., etc.
 laevigatus
 subsp. emodi (Wall. ex Fritsch) H. Ohashi in *Enum. Fl. Pl. Nepal*, 2: 123 (1979): *Orobos emodi*.
 subsp. hispanicus (Rouy) M. Kerguelen in *Lejeunia*, 120: 116 (1987): L. linnaei proles hispanicus.
 lanzwertii
 var. pallescens R.C. Barneby in A. Cronquist et al., *Intermountain Fl., Vasc. Pl. Intermountain West, U.S.A.*, 3B: 206 (1989)—U.S.A. (Utah, Wyoming, New Mexico, Arizona).
 pallescens
 var. pilosior (Sirj.) Z.V. Chefranova in *Fl. Evropejskoj Chasti SSSR*, 6: 167 (1987): L. pallescens f. pilosior.
 plitmannii W. Greuter & Burdet in *Willdenowia*, 19(1): 32 (1989), nom. nov.: L. gorgoni var. lineatus Plitmann.
 pratensis
 subsp. lusseri (Heer ex Koch) J. Soják in *Čas. Nár. Muz. (Prague)*, 152(1): 21 (1983): L. lusseri.
 subsp. velutinus (DC.) J. Soják in *Čas. Nár. Muz. (Prague)*, 152(1): 21 (1983): L. pratensis β var. velutinus.
 pseudocicera
 subsp. negevensis (Plitmann) Plitmann & Hevn ex W. Greuter in *Willdenowia*, 19(1): 32 (1989): L. cicera var. negevensis.
 roseus
 subsp. hermonis A. Liston in *Bot. Jahrb.*, 109(1): 64 (1987)—Israel/Syria border, Turkey.
 rotundifolius
 subsp. litvinovii (Iljin) J. Jäger in *Wiss. Zeitschr. Martin-Luther-Univ. Halle-Wittemberg, Math.-Nat.*, 30(5): 89 (1981): L. litvinovii.
 tataricus Schreb. ex Spreng., *Bot. Gart. Univ. Halle*: 54 (1800); cf. D.J. Mabberley in *Taxon*, 32(1): 85 (1983)—Locality not stated.
 vernus
 var. flaccidus (Ser.) Z.V. Chefranova in *Fl. Evropejskoj Chasti SSSR*, 6: 163 (1987): *Orobos vernus* var. flaccidus.
 vestitus
 subsp. alefeldii (White) S.L. Broich in *Syst. Bot.*, 12(1): 151 (1987): L. alefeldii.
 subsp. lactiflorus (Greene) S.L. Broich in *Syst. Bot.*, 12(1): 151 (1987): L. lactiflorus.
 subsp. laevicarpus S.L. Broich in *Syst. Bot.*, 12(1): 151 (1987)—U.S.A. (California).

LATOURORCHIS (Orchidac.).

- alexandrae (Schltr.) F.G. Brieger in *Schlechter Orchideen*, 1(11-12): 727 (1981), in Supp. 18 as *Latourea: Dendrobium alexandrae*. \dagger
 atroviolacea (Rolfe) F.G. Brieger in *Schlechter Orchideen*, 1(11-12): 727 (1981), in Supp. 18 as *Latourea: Dendrobium atroviolaceum*. \dagger
 forbesii (Ridl.) F.G. Brieger in *Schlechter Orchideen*, 1(11-12): 727 (1981), in Supp. 18 as *Latourea: Dendrobium forbesii*. \dagger
 leucohybos (Schltr.) F.G. Brieger in *Schlechter Orchideen*, 1(11-12): 727 (1981), in Supp. 18 as *Latourea: Dendrobium leucohybos*. \dagger
 macrophylla (A. Rich.) F.G. Brieger in *Schlechter Orchideen*, 1(11-12): 727 (1981), in Supp. 18 as *Latourea: Dendrobium macrophyllum*. \dagger

LATOURORCHIS :-

- musciferia (Schltr.) F.G. Brieger in *Schlechter Orchideen*, 1(11-12): 727 (1981), in Supp. 18 as *Latourea: Dendrobium musciferum*. \dagger

LAUMONIERA H.P. Nootboom in *Blumea*, 32(2):

- 383 (1987). **SIMAROUBACEAE.**
 bruceadelpa H.P. Nootboom in *Blumea*, 32(2): 383 (1987)—Sumatra.

LAUNAEA (Compos.).

- fragilis
 var. lucentica O. de Bolòs & J. Vigo in *Folia Bot. Misc.*, 6: 86 (1989)—Spain.
 subsp. pumila (Cav.) O. de Bolòs & J. Vigo in *Folia Bot. Misc.*, 6: 86 (1989): *Scorzonera pumila*.
 var. pumila (Cav.) O. de Bolòs & J. Vigo in *Folia Bot. Misc.*, 6: 86 (1989): *Scorzonera pumila*.
 var. viminea (Lange) O. de Bolòs & J. Vigo in *Folia Bot. Misc.*, 6: 86 (1989): *Zollikoferia resedifolia* var. viminea.
 gorgadensis (Bolte) N. Kilian in *Willdenowia*, 18(1): 167 (1988): *Sonchus gorgadensis*.
 obtusus (DC.) Mundhe & Almeida in *J. Bombay Nat. Hist. Soc.*, 85(3): 523 (1988 publ. 1989): *Brachyramphus obtusus*.
 thalassica N. Kilian, C. Brochmann & Ø.H. Rustan in *Willdenowia*, 16(2): 491 (1987)—Cape Verde Is.

LAUROCERASUS (Rosac.).

- zippeliana
 var. crassistyla (Card.) T.T. Yü & L.T. Lu in *Fl. Reipubl. Popul. Sin.*, 38: 118 (1986): *Prunus macrophylla* var. crassistyla.

LAURUS (Laurac.).

- glauca C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 383 (1784)—Japan. \dagger
 lucida C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 384 (1784)—Japan. \dagger
 magnoliaefolia A.J. Cavanilles in *Anales Ci. Nat.*, 3(7): 53 (1801)—Canary Is., Madeira.
 pedunculata C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 383 (1784)—Japan. \dagger
 umbellata C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 384 (1784)—Japan. \dagger

LAVANDULA (Labiata.).

- sect. *Dentata* M. Suárez-Cervera & J.A. Seoane-Camba in *An. Jard. Bot. Madrid*, 42(2): 402 (1985 publ. 1986).
 buchii
 var. gracilis M.C. León-Arencibia in *Vieraea*, 17(1-2): 358 (1987), as 'gracile'—Canary Is.
 var. tolpidifolia (Svent.) M.C. León-Arencibia in *Vieraea*, 17(1-2): 354 (1987): L. pinnata var. tolpidifolia.

LAVAUXIA (Onagrac.).

- triloba (Nutt.) Bartl., *Ind. Sem. Hort. Acad. Gott.*, 1837: 4 (1837); cf. D.J. Mabberley in *Taxon*, 32(1): 85 (1983): *Oenothera triloba*.

LAVOISIERA (Melastomatac.).

- mucugensis J.J. Wurdack in *Phytologia*, 64(4): 294 (1988)—Brazil.

LAVRANIA D.C.H. Plowes in *Cact. Succ. J.*

- (U.S.A.), 58(3): 122 (1986). **ASCLEPIADACEAE.**
 haagnerae D.C.H. Plowes in *Cact. Succ. J. (U.S.A.)*, 58(3): 123 (1986)—Namibia.

LAWIELLA (Podostemac.).

- chinensis H.C. Chao in *Contrib. Inst. Bot. Nation. Acad. Peiping*, 6(1): 9 (1948 publ. 1949)—China.
 fukienensis H.C. Chao in *Contrib. Inst. Bot. Nation. Acad. Peiping*, 6(1): 6 (1948 publ. 1949)—China.

LAXMANNIA (Anthericac.).

- arida G.J. Keighery in *Fl. Australia*, 45: 491, 258 (1987)—Australia (W. Australia, N. Terr.).
 compacta J.G. Conran & P.I. Forster in *Austrobaileya*, 2(3): 248 (1986)—Australia (Queensland, New South Wales).
 grandiflora
 subsp. stirlingensis G.J. Keighery in *Fl. Australia*, 45: 491, 261 (1987)—Australia (W. Australia).

LAXMANNIA :-

- jamesii* G.J. Keighery in *Fl. Australia*, 45: 491, 258 (1987)—Australia (W. Australia).
omnifertilis G.J. Keighery in *Fl. Australia*, 45: 491, 260 (1987)—Australia (W. Australia).
orientalis G.J. Keighery in *Fl. Australia*, 45: 492, 257 (1987)—Australia (Victoria, S. Australia), Tasmania.
ramosa
subsp. deflexa G.J. Keighery in *Fl. Australia*, 45: 492, 257 (1987)—Australia (W. Australia).
sessiliflora
subsp. australis G.J. Keighery in *Fl. Australia*, 45: 492, 256 (1987)—Australia (W. Australia).
subsp. drummondii G.J. Keighery in *Fl. Australia*, 45: 492, 256 (1987)—Australia (W. Australia).

LEAVENWORTHIA (Crucif.).

- texana* W.F. Mahler in *Sida*, 12(1): 239 (1987)—U.S.A. (Texas).

LECANORCHIS (Orchidac.).

- cerina*
var. albida T.P. Lin, *Native Orchids Taiwan*, 3: 147 (1987), as 'albidus'—Taiwan.
flavicans
var. acutiloba T. Hashimoto in *Ann. Tsukuba Bot. Gard.*, 8: 8 (1989)—Japan.
multiflora
var. brachycarpa (Ohwi) T. Hashimoto in *Ann. Tsukuba Bot. Gard.*, 8: 6 (1989); *L. brachycarpa*. taiwaniana S.S. Ying in *Quart. J. Chinese Forest.*, 20(4): 133 (1987)—Taiwan.
thalassica T.P. Lin, *Native Orchids Taiwan*, 3: 153 (1987), as 'thalassicus'—Taiwan.
virella T. Hashimoto in *Ann. Tsukuba Bot. Gard.*, 8: 1 (1989)—Japan.

LECHENAULTIA (Goodeniac.).

- sect. Patentis* D.A. Morrison in *Brunonia*, 9(1): 6 (1987).
brevifolia D.A. Morrison in *Brunonia*, 9(1): 18 (1987)—Australia (W. Australia).
lutescens D.A. Morrison & R.C. Carlin in *Brunonia*, 9(1): 15 (1987)—Australia (N. Terr., W. Australia).
ovata D.A. Morrison in *Telopea*, 3(2): 164 (1988)—Australia (N. Terr.).
papillata D.A. Morrison in *Brunonia*, 9(1): 12 (1987)—Australia (W. Australia).

LECOINTEA (Legumin.).

- marcano-bertii* R.C. Barneby in *Brittonia*, 41(4): 352 (1989)—Venezuela.
peruviana
var. lasiogyne R.C. Barneby in *Brittonia*, 41(4): 355 (1989)—Ecuador.
tango (Standl.) L. Emygdio de Mello Filho & A. Grave de Andrade in *Atas Simpósio sobre Biotá Amazonica (Bot.)*, 4: 156, 166 for bas. date (1967); *Zollernia tango*.

LECYTHIS (Lecythidac.).

- sect. Corrugata* S.A. Mori in *Fl. Neotrop.*, 21(II): 277 (1990).
sect. Pisonis S.A. Mori in *Fl. Neotrop.*, 21(II): 289 (1990).
sect. Poiteaui S.A. Mori in *Fl. Neotrop.*, 21(II): 298 (1990).
confertiflora (A.C. Smith) S.A. Mori in *Mem. New York Bot. Gard.*, 44: 31 (1987); *Eschweilera confertiflora*.
parvifructa S.A. Mori in *Fl. Neotrop.*, 21(II): 312 (1990)—Brazil.
persistens
subsp. aurantiaca S.A. Mori in *Mem. New York Bot. Gard.*, 44: 32 (1987)—French Guiana.
pneumatophora S.A. Mori in *Fl. Neotrop.*, 21(II): 288 (1990)—French Guiana.
prancei S.A. Mori in *Fl. Neotrop.*, 21(II): 304 (1990)—Brazil.
serrata S.A. Mori in *Fl. Neotrop.*, 21(II): 320 (1990)—Brazil.

LEDEBOURIA (Hyacinthac.).

- violacea* (Hutchinson) W.L. Tjaden in *Brit. Cact. Succ. J.*, 7(1): 11 (1989); *Scilla violacea*.

LEDUM (Ericac.).

- palustre*
f. decumbens (Ait.) Y.L. Chou & S.L. Tung in Y.L. Chou, *Ligneous Fl. Heilongjiang*: 463 (1986); *L. palustre* var. *decumbens*.

LEERSIA (Gramin.).

- sect. Hexandrae* G.C. Tucker in *J. Arnold Arbor.*, 69(3): 263 (1988).
oryzoides
subsp. japonica (Hackel) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 514 (1987); *L. oryzoides* var. *japonica*.

LEFEBVREA (Umbellif.).

- droopii* C.C. Townsend in *Kew Bull.*, 42(3): 589 (1987)—Tanzania.

LEIOTHRIX (Eriocaulac.).

- cipoensis* A.M. Giulietti in *Prog. Resum. Soc. Bot. Brasil, XXXVI Congr. Nac. Bot., Curitiba*: 346 (1985), without latin descr. or type; *et in Bol. Bot. (São Paulo)*, 10: 15 (1988)—Brazil.
curvifolia
var. mucronata (Bong.) A.M. Giulietti in *Prog. Resum. Soc. Bot. Brasil, XXXVI Congr. Nac. Bot., Curitiba*: 346 (1985), without basionym ref.: Basionym not stated.
flagellaris
var. pedunculosa (Ruhl.) A.M. Giulietti in *Prog. Resum. Soc. Bot. Brasil, XXXVI Congr. Nac. Bot., Curitiba*: 346 (1985), without basionym ref.: Basionym not stated.
flavescens
var. disticophylla (Silv.) A.M. Giulietti in *Prog. Resum. Soc. Bot. Brasil, XXXVI Congr. Nac. Bot., Curitiba*: 346 (1985), without basionym ref.: Basionym not stated.

fulgida

- var. milho-verdensis* (Silv.) A.M. Giulietti in *Prog. Resum. Soc. Bot. Brasil, XXXVI Congr. Nac. Bot., Curitiba*: 346 (1985), without basionym ref.: Basionym not stated.
plantago (Mart.) A.M. Giulietti in *Prog. Resum. Soc. Bot. Brasil, XXXVI Congr. Nac. Bot., Curitiba*: 346 (1985), without basionym ref.: Basionym not stated.

- rupestris* A.M. Giulietti in *Prog. Resum. Soc. Bot. Brasil, XXXVI Congr. Nac. Bot., Curitiba*: 346 (1985), without latin descr. or type; *et in Bol. Bot. (São Paulo)*, 10: 21 (1988)—Brazil.

- sinuosa* A.M. Giulietti in *Prog. Resum. Soc. Bot. Brasil, XXXVI Congr. Nac. Bot., Curitiba*: 346 (1985), without latin descr. or type—Locality not stated.
sinuosa A.M. Giulietti in *Bol. Bot. (São Paulo)*, 10: 18 (1988)—Brazil.

LEMOGLOSSUM (Orchidac.).

- bictoniense* (Batem.) Halbinger ex M.A. Soto Arenas in *Orquidea (México)*, 11: 271 (1988); *Cyrtochilum bictoniense*.
bictoniense (Bateman) Halb. ex E.A. Christenson in *Lindleyana*, 3(4): 222 (1988 publ. 1989), isonym see M.A. Soto Arenas in *Orquidea (México)*, 11: 271 (1988); *Cyrtochilum bictoniense*.

LEMNA (Lemnac.).

- sect. Biformes* E. Landolt in *Veröff. Geobot. Inst. Rübel*, 71: 445 (1986).

LEMOORIA P.S. Short in *Muelleria*, 7(1): 112 (1989).

- COMPOSITAE.**
burkittii (Benth.) P.S. Short in *Muelleria*, 7(1): 113 (1989); *Gnephosis burkittii*.

LEMURELLA (Orchidac.).

- sarcanthoides* (Schltr.) K. Senghas in *Schlechter Orchideen*, 1(16-18): 1018 (1986); *Oeoniella sarcanthoides*.

LEMURODENDRON J.F. Villiers & P. Guinet in *Bull. Mus. Nation. Hist. Nat.*, B, Adansonia, Ser. 4, 11(1): 3 (1989).

- LEGUMINOSAE.**
capuronii J.F. Villiers & P. Guinet in *Bull. Mus. Nation. Hist. Nat.*, B, Adansonia, Ser. 4, 11(1): 6 (1989)—Madagascar.

LENS (Legumin.).

- culinaris*
subsp. macrosperma (Baumg.) Z.V. Chefranova in *Fl. Evropejskoj Chasti SSSR*, 6: 170 (1987); *L. esculenta* var. *macrosperma*.
odemensis G. Ladizinsky in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 489 (1986)—Israel, Turkey, East Aegean Is.

LEOCEREUS (Cactac.).

- bahiensis*
var. barreirensis P.J. Braun & E. Esteves Pereira in *Kakt. And. Sukk.*, 41(9): 205 (1990)—Brazil.
var. exiguospinus P.J. Braun & E. Esteves Pereira in *Kakt. And. Sukk.*, 41(9): 205 (1990)—Brazil.
var. robustispinus P.J. Braun & E. Esteves Pereira in *Kakt. And. Sukk.*, 41(9): 205 (1990)—Brazil.
var. urandianus (Ritter) P.J. Braun & E. Esteves Pereira in *Kakt. And. Sukk.*, 41(9): 205 (1990); *L. urandianus*.
estesveii P.J. Braun in *Kakt. And. Sukk.*, 41(9): 204 (1990)—Brazil.

LEOCHILUS (Orchidac.).

- hagsateri* M.W. Chase in *Syst. Bot.*, 11(1): 244 (1986)—Mexico.
macrantherus (Hook.) Liebm. in *Schouw. Forteg. Kjöb. Bot. Havn. Pl.*: 27 (1847); *cf. D.J. Mabberley in Taxon*, 33(3): 439 (1984); Basionym not stated.
puertoricensis M.W. Chase in *Syst. Bot.*, 11(1): 242 (1986)—Puerto Rico.

×LEOCIDPASIA hort. in *Orchid Rev.*, 98(1162): centre page pull-out p. 9 (1990). **ORCHIDACEAE.** (*Aspasia* × *Leochilus* × *Oncidium*).**LEONOHEBE** M.J. Heads in *Bot. Soc. Otago Newsl.*, 5: 4 (1987). **SCROPHULARIACEAE.**

- sect. Apti* M.J. Heads in *Bot. Soc. Otago Newsl.*, 5: 7 (1987).
sect. Aromaticae M.J. Heads in *Bot. Soc. Otago Newsl.*, 5: 8 (1987).
sect. Buxifoliatae M.J. Heads in *Bot. Soc. Otago Newsl.*, 5: 10 (1987).
sect. Connatae M.J. Heads in *Bot. Soc. Otago Newsl.*, 5: 6 (1987).
sect. Densifoliae M.J. Heads in *Bot. Soc. Otago Newsl.*, 5: 4 (1987).
sect. Flagriformes M.J. Heads in *Bot. Soc. Otago Newsl.*, 5: 8 (1987).
sect. Salicornioides M.J. Heads in *Bot. Soc. Otago Newsl.*, 5: 7 (1987).
annulata (Petrie) M.J. Heads in *Bot. Soc. Otago Newsl.*, 5: 7 (1987); *Veronica armstrongii* var. *annulata*.
armstrongii (Armstrong) M.J. Heads in *Bot. Soc. Otago Newsl.*, 5: 7 (1987); *Veronica armstrongii*.
benthamii (Hook. f.) M.J. Heads in *Bot. Soc. Otago Newsl.*, 5: 7 (1987); *Veronica benthamii*.
cheesemani (Buchanan) M.J. Heads in *Bot. Soc. Otago Newsl.*, 5: 5 (1987); *Mitrasacme cheesemani*.
ciliolata (Hook. f.) M.J. Heads in *Bot. Soc. Otago Newsl.*, 5: 5 (1987); *Logania ciliolata*.
coarctata (Cheesem.) M.J. Heads in *Bot. Soc. Otago Newsl.*, 5: 8 (1987); *Veronica coarctata*.
cupressoides (Hook. f.) M.J. Heads in *Bot. Soc. Otago Newsl.*, 5: 8 (1987); *Veronica cupressoides*.
densifolia (F. v. Muell.) M.J. Heads in *Bot. Soc. Otago Newsl.*, 5: 4 (1987); *Paederota densifolia*.
epacridea (Hook. f.) M.J. Heads in *Bot. Soc. Otago Newsl.*, 5: 6 (1987); *Veronica epacridea*.
haastii (Hook. f.) M.J. Heads in *Bot. Soc. Otago Newsl.*, 5: 6 (1987); *Veronica haastii*.
haastii
var. humilis (Simpson) M.J. Heads in *Bot. Soc. Otago Newsl.*, 5: 6 (1987); *Hebe macrocalyx* var. *humilis*.
var. macrocalyx (Armstrong) M.J. Heads in *Bot. Soc. Otago Newsl.*, 5: 6 (1987); *Veronica macrocalyx*.
hectorii (Hook. f.) M.J. Heads in *Bot. Soc. Otago Newsl.*, 5: 8 (1987); *Veronica hectorii*.
hectorii
var. demissa (Simpson) M.J. Heads in *Bot. Soc. Otago Newsl.*, 5: 8 (1987); *Hebe demissa*.
imbricata (Petrie) M.J. Heads in *Bot. Soc. Otago Newsl.*, 5: 9 (1987); *Veronica imbricata*.

LEONOHEBE :-

- laingii (Ckne.) M.J. Heads in Bot. Soc. Otago Newsl., 5: 8 (1987): Veronica laingii.
- lycopodioides (Hook. f.) M.J. Heads in Bot. Soc. Otago Newsl., 5: 9 (1987): Veronica lycopodioides.
- var. patula (Simpson & Thomson) M.J. Heads in Bot. Soc. Otago Newsl., 5: 9 (1987): Hebe lycopodioides var. patula.
- masoniae (Moore) M.J. Heads in Bot. Soc. Otago Newsl., 5: 10 (1987): Hebe pauciramosa var. masonae.
- var. rotundata M.J. Heads in Bot. Soc. Otago Newsl., 5: 11 (1987)—New Zealand.
- mooreae M.J. Heads in Bot. Soc. Otago Newsl., 5: 10 (1987)—New Zealand.
- var. teimata M.J. Heads in Bot. Soc. Otago Newsl., 5: 10 (1987)—New Zealand.
- ochracea (Ashwin) M.J. Heads in Bot. Soc. Otago Newsl., 5: 7 (1987): Hebe ochracea.
- odora (Hook. f.) M.J. Heads in Bot. Soc. Otago Newsl., 5: 10 (1987): Veronica odora.
- pauciflora (Simpson & Thomson) M.J. Heads in Bot. Soc. Otago Newsl., 5: 10 (1987): Hebe pauciflora.
- pauciramosa (Ckne. & Allan) M.J. Heads in Bot. Soc. Otago Newsl., 5: 10 (1987): Hebe buxifolia var. pauciramosa.
- petriei (Buchanan) M.J. Heads in Bot. Soc. Otago Newsl., 5: 6 (1987): Mitrasacme petriei.
- var. murrellii (Simpson & Thomson) M.J. Heads in Bot. Soc. Otago Newsl., 5: 6 (1987): Hebe murrellii.
- poppelwellii (Ckne.) M.J. Heads in Bot. Soc. Otago Newsl., 5: 9 (1987): Veronica poppelwellii.
- propinqua (Cheesem.) M.J. Heads in Bot. Soc. Otago Newsl., 5: 9 (1987): Veronica propinqua.
- ramosissima (Simpson & Thomson) M.J. Heads in Bot. Soc. Otago Newsl., 5: 7 (1987): Hebe ramosissima.
- salicornioides (Hook. f.) M.J. Heads in Bot. Soc. Otago Newsl., 5: 7 (1987): Veronica salicornioides.
- subsimilis (Col.) M.J. Heads in Bot. Soc. Otago Newsl., 5: 9 (1987): Veronica subsimilis.
- var. astonii (Petrie) M.J. Heads in Bot. Soc. Otago Newsl., 5: 9 (1987): Veronica astonii.
- subulata (Simpson) M.J. Heads in Bot. Soc. Otago Newsl., 5: 9 (1987): Hebe subulata.
- tetragona (Hook. f.) M.J. Heads in Bot. Soc. Otago Newsl., 5: 9 (1987): Veronica tetragona.
- tetrasticha (Hook. f.) M.J. Heads in Bot. Soc. Otago Newsl., 5: 5 (1987): Veronica tetrasticha.
- tumida (Kirk) M.J. Heads in Bot. Soc. Otago Newsl., 5: 5 (1987): Veronica tumida.
- uniflora (Kirk) M.J. Heads in Bot. Soc. Otago Newsl., 5: 5 (1987): Veronica uniflora.

LEONTODON (Compos.).

- aspermus (Willd.) Endl., Cat. Horti Vindob., 1: 410 (1842); cf. D.J. Mabberley in Taxon, 33(3): 435 (1984): Basionym not stated.
- caucasicus
- var. jaiiae (Klok.) D.V. Gel'tman in Fl. Evropejskoj Chasti SSSR, 8: 30 (1989): L. jaiiae.
- saxatilis
- subsp. crassifolius (Welw. ex Mariz) A.R. Pinto da Silva in Bol. Soc. Brot., 60: 155 (1987): Thrinchia hirta var. crassifolia.
- subsp. hispidus (Roth) Castroviejo & M. Lainz in M. Lainz, Mis contrib. conocim. fl. Asturias: 71 (1982): Colobium hispidum.
- subsp. longirostris (Finch & P.D. Sell) A.R. Pinto da Silva in Bol. Soc. Brot., 60: 155 (1987): L. taraxacoides subsp. longirostris.
- taraxacoides
- subsp. hispidus (Roth) M. Kerguelen in Lejeunia, 120: 119 (1987): Colobium hispidum.

LEONTOPODIUM (Compos.).

- villosulum A.P. Khokhryakov in Byull. Mosk. Obshch. Ispyt. Prir., Biol., 93(6): 65 (1988)—U.S.S.R. (Soviet Far East).

LEONURUS (Labiata).

- sect. Cardiochilium (V. Krecz. & Kuprian.) T.V. Krestovskaya in Novosti Sist. Vyssh. Rast., 26: 145 (1989): L. subgen. Cardiochilium.
- sect. Chaituroides (C.Y. Wu & H.W. Li) T.V. Krestovskaya in Novosti Sist. Vyssh. Rast., 26: 148 (1989): L. subgen. Chaituroides.

LEONURUS :-

- ser. Glaucescentes V. Krecz. & Kuprian. ex T.V. Krestovskaya in Bot. Zhurn., 73(12): 1751 (1988).
- subsect. Heterophylli (C.Y. Wu & H.W. Li) T.V. Krestovskaya in Novosti Sist. Vyssh. Rast., 26: 145 (1989): L. ser. Heterophylli.
- subsect. Panzerioides V. Krecz. & Kuprian. ex T.V. Krestovskaya in Bot. Zhurn., 73(12): 1754 (1988).
- subsect. Pubescentes T.V. Krestovskaya in Bot. Zhurn., 73(12): 1754 (1988).
- subsect. Sibirici T.V. Krestovskaya in Novosti Sist. Vyssh. Rast., 26: 148 (1989).
- ser. Tatarici V. Krecz. & Kuprian. ex T.V. Krestovskaya in Bot. Zhurn., 73(12): 1748 (1988).
- comosus Koen. ex Rottb., Pl. Hort. Univ. Rar. Prog.: 18 (1773); cf. D.J. Mabberley in Taxon, 33(3): 438 (1984)—Locality not stated.
- deminutus
- var. orientalis T.V. Krestovskaya in Bot. Zhurn., 73(12): 1748 (1988)—U.S.S.R. (Siberia).
- glaucescens
- f. latifolius (Bunge) T.V. Krestovskaya in Bot. Zhurn., 73(12): 1752 (1988): L. glaucescens var. latifolius.
- kudrjashevii R.V. Kamelin & M. Tulyaganova in Bot. Zhurn., 72(6): 813 (1987)—U.S.S.R. (Middle Asia).
- kuprijanoviae T.V. Krestovskaya in Bot. Zhurn., 73(12): 1753 (1988)—Pakistan.
- macranthus
- var. villosissimus T.V. Krestovskaya in Novosti Sist. Vyssh. Rast., 25: 134 (1988)—Japan, China.
- malebaricus Koen. ex Rottb., Pl. Hort. Univ. Rar. Prog.: 20 (1773); cf. D.J. Mabberley in Taxon, 33(3): 438 (1984)—Locality not stated.
- pseudopanzerioides T.V. Krestovskaya in Bot. Zhurn., 73(12): 1749 (1988)—Mongolia, Xinjiang.
- quinquelobatus
- var. caucasicus T.V. Krestovskaya in Bot. Zhurn., 73(12): 1751 (1988)—U.S.S.R. (Caucasus).
- sibiricus
- var. glaber T.V. Krestovskaya in Novosti Sist. Vyssh. Rast., 25: 133 (1988)—U.S.S.R. (Siberia), Mongolia, China.
- tibeticus T.V. Krestovskaya in Novosti Sist. Vyssh. Rast., 26: 147 (1989)—Xizang.
- turkestanicus
- var. songoricus T.V. Krestovskaya in Bot. Zhurn., 73(12): 1752 (1988)—U.S.S.R. (Middle Asia).

LEOPOLDIA (Hyacinthac.).

- deserticola (Rech. f.) N. Feinbrun-Dothan, Fl. Palaestina, 4: 70 (1986): Muscari deserticolum.
- longipes
- subsp. negevensis N. Feinbrun-Dothan & Danin in N. Feinbrun-Dothan, Fl. Palaestina, 4: 397, 71 (1986)—Israel, Sinai Peninsula.

LEPANTHES (Orchidac.).

- subgen. Brachycladium C.A. Luer, Ic. Pleurothallid. I-Syst. Pleurothallidinae (Monogr. Syst. Bot. Missouri Bot. Gard. 15): 31 (1986), nom. nov.: L. sect. Brachyclada Rchb. f.
- sect. Caprimulginae C.A. Luer, Ic. Pleurothallid. I-Syst. Pleurothallidinae (Monogr. Syst. Bot. Missouri Bot. Gard. 15): 34 (1986).
- subgen. Draconanthes C.A. Luer, Ic. Pleurothallid. I-Syst. Pleurothallidinae (Monogr. Syst. Bot. Missouri Bot. Gard. 15): 32 (1986).
- subsect. Elongatae C.A. Luer in Lindleyana, 2(2): 95 (1987).
- sect. Felinae C.A. Luer, Ic. Pleurothallid. I-Syst. Pleurothallidinae (Monogr. Syst. Bot. Missouri Bot. Gard. 15): 34 (1986).
- subgen. Marsiphanthes C.A. Luer, Ic. Pleurothallid. I-Syst. Pleurothallidinae (Monogr. Syst. Bot. Missouri Bot. Gard. 15): 34 (1986).
- sect. Marsiphanthes C.A. Luer, Ic. Pleurothallid. I-Syst. Pleurothallidinae (Monogr. Syst. Bot. Missouri Bot. Gard. 15): 34 (1986).
- actias-luna C.A. Luer & A.C. Hirtz in Lindleyana, 2(1): 30 (1987)—Ecuador.
- aeora C.A. Luer & A.C. Hirtz in Lindleyana, 2(1): 32 (1987)—Ecuador.
- ankistra C.A. Luer & R.L. Dressler in Orquideologia, 16(3): 12 (1986)—Panama.
- antilocapra C.A. Luer & R.L. Dressler in Orquideologia, 16(3): 15 (1986)—Panama.
- aprica P.M. Catling & V.R. Catling in Canad. J. Bot., 66(11): 2130 (1988)—Mexico.
- arachnion C.A. Luer & R.L. Dressler in Orquideologia, 16(3): 6 (1986)—Panama.
- archilae C.A. Luer & M. Behar in Lindleyana, 5(3): 182 (1990)—Guatemala.
- asoma C.A. Luer & A.C. Hirtz in Orchidee, 37(5): 213 (1986)—Ecuador.
- avicularia C.A. Luer & A.C. Hirtz in Lindleyana, 2(1): 32 (1987)—Ecuador.
- bahorucana H.A. Hespenseide & D.D. Dod in Moscosoa, 5: 252 (1989), as 'barahucana'—Hispaniola (Dominican Republic, Haiti).
- beharii C.A. Luer in Lindleyana, 5(3): 185 (1990)—Guatemala.
- biappendiculata C.A. Luer in Phytologia, 59(7): 444 (1986), as 'biappandiculata'—Venezuela.
- binaria C.A. Luer & A.C. Hirtz in Orchidee, 38(6): 291 (1987)—Ecuador, Colombia.
- bituberculata C.A. Luer & Hirtz in Lindleyana, 2(3): 125 (1987)—Ecuador.
- bufonis C.A. Luer & Hirtz in Lindleyana, 2(2): 96 (1987)—Ecuador.
- callisto C.A. Luer & A.C. Hirtz in Orchidee, 38(6): 287 (1987)—Ecuador.
- calocodon C.A. Luer in Phytologia, 59(7): 445 (1986)—Venezuela.
- caloura C.A. Luer & A.C. Hirtz in Orchidee, 38(6): 285 (1987)—Ecuador.
- carinata C.A. Luer & A.C. Hirtz in Orchidee, 41(5): 163 (1990)—Ecuador.
- caudatisepala H.A. Hespenseide & D.D. Dod in Moscosoa, 5: 254 (1989)—Hispaniola (Dominican Republic).
- celox C.A. Luer & A.C. Hirtz in Lindleyana, 2(1): 36 (1987)—Ecuador.
- chapina C.A. Luer & M. Behar in Lindleyana, 5(3): 185 (1990)—Guatemala.
- chrycina C.A. Luer & Hirtz in Lindleyana, 2(3): 128 (1987)—Ecuador.
- collaris C.A. Luer in Lindleyana, 2(4): 185 (1987)—Panama.
- comet-halleyi C.A. Luer in Lindleyana, 2(4): 185 (1987)—Costa Rica.
- condorensis C.A. Luer & A.C. Hirtz in Orchidee, 38(6): 283 (1987)—Ecuador.
- conjuncta C.A. Luer & Hirtz in Lindleyana, 2(3): 128 (1987)—Ecuador.
- crossota C.A. Luer in Lindleyana, 2(4): 188 (1987)—Panama, Costa Rica.
- cryptantha H.A. Hespenseide & D.D. Dod in Moscosoa, 6: 177 (1990)—Hispaniola (Dominican Republic).
- ctenophora C.A. Luer & Hirtz in Lindleyana, 2(3): 129 (1987)—Ecuador.
- decurva C.A. Luer & A.C. Hirtz in Orchidee, 39(3): 103 (1988)—Ecuador.
- deformis C.A. Luer & A.C. Hirtz in Orchidee, 38(1): 38 (1987)—Ecuador.
- dipteryx C.A. Luer & Hirtz in Lindleyana, 2(2): 96 (1987)—Ecuador.
- disjuncta C.A. Luer & Hirtz in Lindleyana, 2(3): 129 (1987)—Ecuador.
- domingensis H.A. Hespenseide & D.D. Dod in Moscosoa, 5: 256 (1989)—Hispaniola (Dominican Republic, Haiti).
- droseroides C.A. Luer in Lindleyana, 2(4): 188 (1987)—Panama.
- ejecta C.A. Luer & A.C. Hirtz in Orchidee, 38(1): 36 (1987)—Ecuador.
- elaminata C.A. Luer & Hirtz in Lindleyana, 2(3): 132 (1987)—Ecuador.
- elongata C.A. Luer & Hirtz in Lindleyana, 2(2): 99 (1987)—Ecuador.
- embreei C.A. Luer & Hirtz in Lindleyana, 2(3): 132 (1987)—Ecuador.
- erepsis C.A. Luer & A.C. Hirtz in Orchidee, 37(5): 215 (1986)—Ecuador.
- eruca C.A. Luer & Hirtz in Lindleyana, 2(3): 135 (1987)—Ecuador.
- exotica H.A. Hespenseide & D.D. Dod in Moscosoa, 6: 179 (1990)—Hispaniola (Dominican Republic).
- exposita C.A. Luer in Lindleyana, 2(4): 191 (1987)—Panama.
- fiskei C.A. Luer in Amer. Orchid Soc. Bull., 58(2): 135 (1989)—Ecuador.

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- fratercula C.A. Luer & M. Behar in *Lindleyana*, 5(3): 188 (1990)—Guatemala.
 fuerthesii H.A. Hespeneheide & D.D. Dod in *Moscsoa*, 6: 179 (1990)—Hispaniola (Dominican Republic).
 gargoyla C.A. Luer & A.C. Hirtz in *Orchidee*, 39(2): 59 (1988)—Ecuador.
 geniculata C.A. Luer & M. Behar in *Lindleyana*, 5(3): 188 (1990)—Guatemala.
 glicensteinii C.A. Luer in *Lindleyana*, 2(4): 191 (1987)—Costa Rica.
 glochidea C.A. Luer in *Phytologia*, 59(7): 446 (1986)—Venezuela.
 hagsateri G.A. Salazar Chávez & M.A. Soto Arenas in *Orquidea* (México), 11: 16 (1988)—Mexico.
 herpaga H.A. Hespeneheide & D.D. Dod in *Moscsoa*, 6: 167 (1990), nom. nov.: *L. caudatisejala Hespeneheide & Dod*.
 hirsuta H.A. Hespeneheide & D.D. Dod in *Moscsoa*, 6: 182 (1990)—Hispaniola (Dominican Republic, Haiti).
 hirsutula C.A. Luer & Hirtz in *Lindleyana*, 2(3): 135 (1987)—Ecuador.
 horichii C.A. Luer in *Lindleyana*, 2(4): 194 (1987)—Costa Rica.
 hubeinii C.A. Luer in *Orchidee*, 38(2): 58 (1987)—Colombia.
 hughsonii H.A. Hespeneheide & D.D. Dod in *Moscsoa*, 6: 184 (1990)—Hispaniola (Dominican Republic).
 hymenoptera C.A. Luer & A.C. Hirtz in *Orchidee*, 39(3): 101 (1988)—Ecuador.
 ibanezii C.A. Luer & M. Behar in *Lindleyana*, 5(3): 191 (1990)—Guatemala.
 implexa C.A. Luer & A.C. Hirtz in *Lindleyana*, 2(1): 36 (1987)—Ecuador.
 incantata C.A. Luer in *Lindleyana*, 2(4): 194 (1987)—Panama.
 inescata C.A. Luer in *Lindleyana*, 2(4): 197 (1987)—Costa Rica.
 jackinpyxa C.A. Luer & A.C. Hirtz in *Lindleyana*, 2(1): 38 (1987)—Ecuador.
 josei H.A. Hespeneheide & D.D. Dod in *Moscsoa*, 6: 186 (1990)—Hispaniola (Dominican Republic, Haiti).
 juanii C.A. Luer & M. Behar in *Lindleyana*, 5(3): 191 (1990)—Guatemala.
 jugum C.A. Luer in *Lindleyana*, 2(4): 197 (1987)—Costa Rica.
 llanganatensis C.A. Luer & A.C. Hirtz in *Orchidee*, 41(5): 161 (1990)—Ecuador.
 lucifer C.A. Luer & A.C. Hirtz in *Amer. Orchid Soc. Bull.*, 56(10): 1016 (1987)—Ecuador.
 macalpinii C.A. Luer in *Lindleyana*, 2(4): 197 (1987)—Costa Rica.
 mastix C.A. Luer & Hirtz in *Lindleyana*, 2(2): 99 (1987)—Ecuador.
 meganthera C.A. Luer & A.C. Hirtz in *Lindleyana*, 2(1): 38 (1987)—Ecuador.
 mentosa C.A. Luer in *Lindleyana*, 2(4): 201 (1987)—Costa Rica.
 mephistopheles C.A. Luer & A.C. Hirtz in *Orchidee*, 38(1): 34 (1987)—Ecuador.
 mittelstaedtii C.A. Luer & M. Behar in *Lindleyana*, 5(3): 191 (1990)—Guatemala.
 monteverdensis C.A. Luer & Escobar in *Lindleyana*, 2(4): 201 (1987)—Costa Rica.
 mulderae C.A. Luer in *Lindleyana*, 2(4): 204 (1987)—Costa Rica.
 myiophora C.A. Luer in *Lindleyana*, 2(4): 204 (1987)—Panama.
 nambijae C.A. Luer & Hirtz in *Lindleyana*, 2(3): 138 (1987)—Ecuador.
 navicularis C.A. Luer in *Phytologia*, 59(7): 447 (1986)—Venezuela.
 necopina C.A. Luer & A.C. Hirtz in *Lindleyana*, 2(1): 42 (1987)—Ecuador.
 nutanticaulis H.A. Hespeneheide & D.D. Dod in *Moscsoa*, 5: 258 (1989)—Hispaniola (Dominican Republic, Haiti).
 odobenella C.A. Luer & A.C. Hirtz in *Orchidee*, 37(5): 217 (1986)—Ecuador.
 odontolabis C.A. Luer in *Lindleyana*, 2(4): 207 (1987)—Panama.
 ophiosteale C.A. Luer in *Phytologia*, 59(7): 448 (1986)—Venezuela.
 oreophila P.M. Catling & V.R. Catling in *Canad. J. Bot.*, 66(11): 2130 (1988)—Mexico.

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- ova-rajae C.A. Luer in *Lindleyana*, 2(4): 207 (1987)—Costa Rica.
 oxypetala C.A. Luer & A.C. Hirtz in *Orchidee*, 39(2): 57 (1988)—Ecuador.
 pachyphylla C.A. Luer & M. Behar in *Lindleyana*, 5(3): 194 (1990)—Guatemala.
 pachyrhiza C.A. Luer & Hirtz in *Lindleyana*, 2(3): 138 (1987)—Ecuador.
 palatoflora H.A. Hespeneheide & D.D. Dod in *Moscsoa*, 5: 260 (1989)—Hispaniola (Dominican Republic).
 pantomima C.A. Luer & R.L. Dressler in *Orquideologia*, 16(3): 3 (1986)—Panama.
 papallactae C.A. Luer & Hirtz in *Lindleyana*, 2(2): 102 (1987)—Ecuador.
 pectinata C.A. Luer in *Phytologia*, 59(7): 449 (1986)—Venezuela.
 pecunialis C.A. Luer & A.C. Hirtz in *Orchidee*, 37(5): 219 (1986)—Ecuador.
 penicillata H.A. Hespeneheide & D.D. Dod in *Moscsoa*, 6: 188 (1990)—Hispaniola (Dominican Republic).
 pexa C.A. Luer in *Lindleyana*, 2(4): 181 (1987)—Panama.
 posthon C.A. Luer in *Lindleyana*, 2(4): 210 (1987)—Costa Rica.
 prionota C.A. Luer & Hirtz in *Lindleyana*, 2(2): 102 (1987)—Ecuador.
 profusa C.A. Luer & A.C. Hirtz in *Orchidee*, 41(1): 10 (1990)—Ecuador.
 pygmaea C.A. Luer in *Lindleyana*, 2(4): 210 (1987)—Costa Rica.
 quetzalensis C.A. Luer & M. Behar in *Lindleyana*, 5(3): 194 (1990)—Guatemala.
 rauhii C.A. Luer in *Orchidee*, 38(2): 59 (1987)—Panama.
 regularis C.A. Luer in *Lindleyana*, 2(4): 210 (1987)—Panama.
 reventador C.A. Luer & A.C. Hirtz in *Orchidee*, 41(1): 8 (1990)—Ecuador.
 sannio C.A. Luer & Escobar in *Lindleyana*, 2(4): 214 (1987)—Costa Rica.
 satyrica C.A. Luer & Hirtz in *Lindleyana*, 2(3): 141 (1987)—Ecuador.
 scolex C.A. Luer in *Phytologia*, 59(7): 450 (1986)—Venezuela.
 seegei C.A. Luer in *Orchidee*, 38(2): 60 (1987)—Panama.
 series C.A. Luer & Hirtz in *Lindleyana*, 2(2): 105 (1987)—Ecuador.
 silvae H. Dietrich in *Wiss. Zeitschr. Friedrich-Schiller-Universität Jena, Mat. Naturwiss.*, 37(1): 157 (1988)—Cuba.
 sobrina C.A. Luer & Hirtz in *Lindleyana*, 2(3): 141 (1987)—Ecuador.
 sororcula C.A. Luer & Hirtz in *Lindleyana*, 2(3): 144 (1987)—Ecuador.
 stalactites C.A. Luer & Hirtz in *Lindleyana*, 2(2): 105 (1987)—Ecuador.
 stegastes C.A. Luer & Hirtz in *Lindleyana*, 2(3): 144 (1987)—Ecuador.
 surrogata C.A. Luer & A.C. Hirtz in *Lindleyana*, 2(1): 42 (1987)—Ecuador.
 tecpanica C.A. Luer & M. Behar in *Lindleyana*, 5(3): 198 (1990)—Guatemala.
 tectorum C.A. Luer & Hirtz in *Lindleyana*, 2(3): 147 (1987)—Ecuador.
 teretipetala H.A. Hespeneheide & D.D. Dod in *Moscsoa*, 6: 188 (1990)—Hispaniola (Dominican Republic).
 tetropetra C.A. Luer in *Lindleyana*, 2(4): 214 (1987)—Panama.
 thylax C.A. Luer & A.C. Hirtz in *Lindleyana*, 2(1): 45 (1987)—Ecuador.
 titanica C.A. Luer & Hirtz in *Lindleyana*, 2(3): 147 (1987)—Ecuador.
 trullifera H.A. Hespeneheide & D.D. Dod in *Moscsoa*, 6: 191 (1990)—Hispaniola (Dominican Republic).
 truncata C.A. Luer & R.L. Dressler in *Orquideologia*, 16(3): 9 (1986)—Panama.
 tudiana H.A. Hespeneheide & D.D. Dod in *Moscsoa*, 6: 193 (1990)—Hispaniola (Dominican Republic).
 tungurahuae C.A. Luer & Hirtz in *Lindleyana*, 2(3): 151 (1987)—Ecuador.
 velata C.A. Luer & Hirtz in *Lindleyana*, 2(2): 108 (1987)—Ecuador.

LEPANTHES :-

- via-incarum C.A. Luer & Hirtz in *Lindleyana*, 2(3): 151 (1987)—Ecuador.
 vibrissa C.A. Luer & Hirtz in *Lindleyana*, 2(3): 155 (1987)—Ecuador.
 xenos C.A. Luer & A.C. Hirtz in *Orchidee*, 38(1): 32 (1987)—Ecuador.
 yanganae C.A. Luer & Hirtz in *Lindleyana*, 2(2): 108 (1987)—Ecuador.
 yuvilensis P.M. Catling in *Orquidea* (México), 12(1): 23 (1990)—Mexico.

LEPANTHOPSIS (Orchidac.).

- aristata D.D. Dod in *Moscsoa*, 4: 143 (1986)—Hispaniola (Haiti).
 atrositifera D.D. Dod in *Moscsoa*, 4: 145 (1986)—Hispaniola (Haiti).
 cucullata D.D. Dod in *Moscsoa*, 4: 145 (1986)—Hispaniola (Haiti).
 haitiensis D.D. Dod in *Moscsoa*, 4: 148 (1986)—Hispaniola (Haiti).
 lingulata D.D. Dod in *Moscsoa*, 4: 150 (1986)—Hispaniola (Haiti).
 micheliae D.D. Dod in *Moscsoa*, 3: 119 (1984), as 'michelii'—Hispaniola (Haiti).
 ornipteridion D.D. Dod in *Moscsoa*, 4: 152 (1986)—Hispaniola (Haiti).
 paryskii D.D. Dod in *Moscsoa*, 4: 152 (1986)—Hispaniola (Haiti).
 pristin C.A. Luer & R. Escobar R. in *Orquideologia*, 16(3): 27 (1986)—Colombia.
 quisqueyana D.D. Dod in *Moscsoa*, 4: 155 (1986)—Hispaniola (Dominican Republic, Haiti).

LEPECHINIA (Labiata.).

- cocuyensis J.R.I. Wood in *Kew Bull.*, 43(2): 293 (1988)—Colombia.
 hastata
 subsp. socorrensis R. Moran in *Levin & Moran, Vasc. Fl. Isla Socorro, Mexico (Mem. San Diego Soc. Nat. Hist. 16)*: 39 (1989)—Revilla Gigedo Is.
 velutina J.R.I. Wood in *Kew Bull.*, 43(2): 295 (1988)—Colombia.
 vulcanicola J.R.I. Wood in *Kew Bull.*, 43(2): 299 (1988)—Colombia.

LEPECHINIELLA (Boraginac.).

- microcarpa
 subsp. inconspicua (Brand) F. Sadat in *Mitt. Bot. Staatssamml. München*, 28: 55 (1989): *Paracaryum inconspicuum*.

LEPIDAGATHIS (Acanthac.).

- hamiltoniana
 subsp. collina (Endlicher) J.K. Morton in *Bot. J. Linn. Soc.*, 96(4): 341 (1988): *Russeggera collina*.
 incurva
 var. aristata (Fischer) H.B. Naithani & S. Biswas in *H.B. Naithani, Flow. Pl. India, Nepal & Bhutan*: 334 (1990): *L. hyalina* var. *aristata*.
 var. mollis (C.B. Clarke) R.K. Gupta, *Living Himalayas*, 2: 310 (1989): *L. hyalina* var. *mollis*.

LEPIDAPLOA (Compos.).

- acuminata (Less.) H. Robinson in *Proc. Biol. Soc. Wash.*, 103(2): 481 (1990): *Vernonia acuminata*.
 acutiangula (Gardn.) H. Robinson in *Proc. Biol. Soc. Wash.*, 103(2): 481 (1990): *Vernonia acutiangula*.
 alvimii (H. Robinson) H. Robinson in *Proc. Biol. Soc. Wash.*, 103(2): 481 (1990): *Vernonia alvimii*.
 araguensis (Badillo) H. Robinson in *Proc. Biol. Soc. Wash.*, 103(2): 481 (1990): *Vernonia araguensis*.
 araripensis (Gardn.) H. Robinson in *Proc. Biol. Soc. Wash.*, 103(2): 481 (1990): *Vernonia araripensis*.
 arborescens (L.) H. Robinson in *Proc. Biol. Soc. Wash.*, 103(2): 481 (1990): *Conyza arborescens*.
 arbuscula (Less.) H. Robinson in *Proc. Biol. Soc. Wash.*, 103(2): 481 (1990): *Vernonia arbuscula*.
 arenaria (Mart. ex DC.) H. Robinson in *Proc. Biol. Soc. Wash.*, 103(2): 482 (1990): *Vernonia arenaria*.
 argyrotricha (Sch. Bip. ex Baker) H. Robinson in *Proc. Biol. Soc. Wash.*, 103(2): 482 (1990): *Vernonia argyrotricha*.
 aristosquamosa (Britton) H. Robinson in *Proc. Biol. Soc. Wash.*, 103(2): 482 (1990): *Vernonia aristosquamosa*.

LEPIDAPLOA :-

- aronifolia (Gleason) H. Robinson in Proc. Biol. Soc. Wash., 103(2): 482 (1990): Vernonia aronifolia.
 aurea (Mart. ex DC.) H. Robinson in Proc. Biol. Soc. Wash., 103(2): 482 (1990): Vernonia aurea.
 auyantepuensis (Aristeg.) H. Robinson in Proc. Biol. Soc. Wash., 103(2): 482 (1990): Vernonia auyantepuensis.
 bakerana (Britton) H. Robinson in Proc. Biol. Soc. Wash., 103(2): 482 (1990): Vernonia bakerana.
 barbata (Less.) H. Robinson in Proc. Biol. Soc. Wash., 103(2): 482 (1990): Vernonia barbata.
 beckii H. Robinson in Proc. Biol. Soc. Wash., 103(2): 482 (1990)—Bolivia.
 bolivarensis (Badillo) H. Robinson in Proc. Biol. Soc. Wash., 103(2): 483 (1990): Vernonia bolivarensis.
 borinquensis (Urban) H. Robinson in Proc. Biol. Soc. Wash., 103(2): 483 (1990): Vernonia borinquensis.
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continentale J. Thompson in *Teloepa*, 3(3): 417 (1989)—Australia (New South Wales, Victoria, S. Australia).
crassifolium J. Thompson in *Teloepa*, 3(3): 438 (1989)—Australia (New South Wales).
deanei J. Thompson in *Teloepa*, 3(3): 364 (1989)—Australia (New South Wales).

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- deunse *J. Thompson in Telopea*, 3(3): 424 (1989)—Australia (New South Wales).
 exsertum *J. Thompson in Telopea*, 3(3): 352 (1989)—Australia (W. Australia).
 gregarium *J. Thompson in Telopea*, 3(3): 411 (1989)—Australia (New South Wales, Queensland).
 inelegans *J. Thompson in Telopea*, 3(3): 376 (1989)—Australia (W. Australia).
 lamellatum *J. Thompson in Telopea*, 3(3): 384 (1989)—Australia (Queensland).
 macgillivrayi *J. Thompson in Telopea*, 3(3): 347 (1989)—Australia (W. Australia).
 macrocarpum (*Maiden & Betche*) *J. Thompson in Telopea*, 3(3): 432 (1989): *L. lanigerum* var. *macrocarpum*.
 morrisonii *J. Thompson in Telopea*, 3(3): 402 (1989)—Australia (New South Wales).
 neglectum *J. Thompson in Telopea*, 3(3): 383 (1989)—Australia (Queensland).
 novae-angliae *J. Thompson in Telopea*, 3(3): 405 (1989)—Australia (New South Wales, Queensland).
 oreophilum *J. Thompson in Telopea*, 3(3): 404 (1989)—Australia (Queensland).
 petersonii
 subsp. lanceolatum *J. Thompson in Telopea*, 3(3): 394 (1989)—Australia (Queensland).
 petraeum *J. Thompson in Telopea*, 3(3): 436 (1989)—Australia (New South Wales).
 polyanthum *J. Thompson in Telopea*, 3(3): 381 (1989)—Australia (New South Wales).
 polygalifolium
 subsp. cismontanum *J. Thompson in Telopea*, 3(3): 400 (1989)—Australia (New South Wales, Queensland).
 subsp. howense *J. Thompson in Telopea*, 3(3): 401 (1989)—Lord Howe Is.
 subsp. montanum *J. Thompson in Telopea*, 3(3): 399 (1989)—Australia (New South Wales, Queensland).
 subsp. transmontanum *J. Thompson in Telopea*, 3(3): 401 (1989)—Australia (New South Wales, Queensland).
 subsp. tropicum *J. Thompson in Telopea*, 3(3): 401 (1989)—Australia (Queensland).
 purpurascens *J. Thompson in Telopea*, 3(3): 355 (1989)—Australia (Queensland).
 rupicola *J. Thompson in Telopea*, 3(3): 420 (1989)—Australia (New South Wales).
 sejunctum *J. Thompson in Telopea*, 3(3): 407 (1989)—Australia (New South Wales).
 spectabile *J. Thompson in Telopea*, 3(3): 431 (1989)—Australia (New South Wales).
 subglabratum *J. Thompson in Telopea*, 3(3): 368 (1989)—Australia (New South Wales).
 subtenuis *J. Thompson in Telopea*, 3(3): 353 (1989)—Australia (W. Australia).
 thompsonii *J. Thompson in Telopea*, 3(3): 429 (1989)—Australia (New South Wales).
 trinervium (*Smith*) *J. Thompson in Telopea*, 3(3): 366 (1989): *Melaleuca trinervia*.
 turbinatum *J. Thompson in Telopea*, 3(3): 437 (1989)—Australia (Victoria).
 variabile *J. Thompson in Telopea*, 3(3): 403 (1989)—Australia (Queensland, New South Wales).

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- stoddartii *F.R. Fosberg in Brittonia*, 40(1): 53 (1988)—Australia (Queensland).

LERCHEA (Rubiace.).

- beccariana (*Bakh. f.*) *B. Axelius in Blumea*, 32(1): 101 (1987): *L. paniculata* var. *beccariana*.
 corymbosa *B. Axelius in Blumea*, 32(1): 97 (1987)—Sumatra.
 parviflora *B. Axelius in Blumea*, 32(1): 105 (1987)—Sumatra.

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- ser. *Formosae* S. Akiyama & H. Ohba in S. Akiyama, *Rev. Gen. Lespedeza sect. Macrolespedeza* (*Univ. Mus. Univ. Tokyo Bull.* 33): 116 (1988).

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- ser. *Heterolespedeza* (*Nakai*) S. Akiyama & H. Ohba in S. Akiyama, *Rev. Gen. Lespedeza sect. Macrolespedeza* (*Univ. Mus. Univ. Tokyo Bull.* 33): 142 (1988): *L. sect. Heterolespedeza*.
 bicolor
 f. niveoflora S. Akiyama & H. Ohba in S. Akiyama, *Rev. Gen. Lespedeza sect. Macrolespedeza* (*Univ. Mus. Univ. Tokyo Bull.* 33): 103 (1988), nom. nov.: *L. bicolor* f. *albiflora* Tatewaki.
 f. pendula S.L. Tung & Z. Lu in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 102 (1988)—China.
 davurica
 var. *beipiaoensis* P.H. Huang & J.S. Ma in *Acta Phytotax. Sin.*, 25(5): 369 (1987)—China.
 var. *potaninii* (*Vass.*) Y.X. Liou in *Fl. Desert. Reipubl. Popul. Sin.*, 2: 443 (1987): *L. potaninii*.
 var. *potaninii* (*V. Vassil.*) G.P. Yakovlev in *Rast. Tsentral. Azii*, 8a: 101 (1988), isonym: *L. potaninii*.
 formosa
 f. alba (*Nakai*) S. Akiyama & H. Ohba in S. Akiyama, *Rev. Gen. Lespedeza sect. Macrolespedeza* (*Univ. Mus. Univ. Tokyo Bull.* 33): 132 (1988): *L. intermedia* var. *alba*.
 subsp. elliptica (*Benth. ex Maxim.*) S. Akiyama & H. Ohba in H. Ohba & S.B. Malla, *Himalayan Pl.*, 1 (*Univ. Mus. Univ. Tokyo Bull.*, 31): 226 (1988): *L. elliptica*.
 var. *pubescens* (*Hayata*) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 2: 368 (1987): *L. pubescens*.
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 subsp. velutina (*Nakai*) S. Akiyama & H. Ohba in H. Ohba & S.B. Malla, *Himalayan Pl.*, 1 (*Univ. Mus. Univ. Tokyo Bull.*, 31): 227 (1988): *L. bicolor* var. *velutina*.
 var. *velutina* (*Nakai*) S. Akiyama & H. Ohba in H. Ohba & S.B. Malla, *Himalayan Pl.*, 1 (*Univ. Mus. Univ. Tokyo Bull.*, 31): 227 (1988): *L. bicolor* var. *velutina*.
 frutescens *Hornem.*, *Hort. Hafn.*: 699 (1815); cf. *D.J. Mabberley in Taxon*, 33(3): 437 (1984)—Locality not stated.
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 var. *curtissii* (*Clewell*) D. Isely in *Brittonia*, 38(4): 354 (1986): *L. hirta* subsp. *curtissii*.
 inschanica
 var. *flava* S.L. Tung & Z. Lu in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 101 (1988)—China.
 maruyamana G. Murata in *Acta Phytotax. Geobot.*, 39(4-6): 149 (1988)—Japan.
 patens
 f. sericea (*Matsum.*) S. Akiyama & H. Ohba in S. Akiyama, *Rev. Gen. Lespedeza sect. Macrolespedeza* (*Univ. Mus. Univ. Tokyo Bull.* 33): 139 (1988): *L. bicolor* f. *sericea*.
 potaninii
 f. breviceramii S.L. Tung & Z. Lu in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 101 (1988)—China.
 thunbergii
 f. nivea (S. Akiyama & H. Ohba) H. Ohashi in *J. Jap. Bot.*, 61(4): 124 (1986): *L. patens* f. *nivea*.
 var. *patens* (*Nakai*) H. Ohashi in *J. Jap. Bot.*, 61(4): 124 (1986): *L. patens*.
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 tomentosa
 var. *globiracemosa* S.L. Tung & Z. Lu in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 101 (1988)—China.

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- paniculata R. Br. ex Sweet, *Hort. Suburb. Lond.*: 48 (1818); cf. *D.J. Mabberley in Taxon*, 30(1): 16 (1981)—Locality not stated.

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- umbellata (*Klatt*) P. Ravenna in *Nordic J. Bot.*, 6(5): 587 (1986): *Herbertia umbellata*.

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- pondoense A.E. van Wyk in *S. Afr. J. Bot.*, 56(4): 459 (1990)—South Africa (Cape Province).

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- leucocephala
 subsp. glabrata (*Rose*) S. Zárate Pedroche in *Phytologia*, 63(4): 305 (1987): *L. glabrata*.
 shannonii
 subsp. salvadorensis (*Standley ex Britton & Rose*) S. Zárate Pedroche in *Ann. Missouri Bot. Gard.*, 74(2): 449 (1987): *L. salvadorensis*.

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- alpina
 var. *minima* (*Vill.*) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 91 (1987 publ. 1988): *Leucanthemum minimum*.
 pallida
 subsp. alpina (*Boiss. & Reuter*) S. Rivas-Martínez, F. Fernández González & D. Sánchez-Mata in *Opusc. Bot. Pharm. Complutensis*, 2: 112 (1986): *Pyrethrum sulphureum* var. *alpinum*.
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 subsp. pulverulenta (*Lasgasca*) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 91 (1987 publ. 1988): *Pyrethrum pulverulentum*.
 trifurcata (*Desf.*) S.A. Alavi in *Fl. Libya*, 107: 168 (1983): *Chrysanthemum trifurcatum*.

LEUCANTHEMUM (Compos.).

- arcticum
 subsp. peleiolepis (*Trautv.*) V.B. Kuvaev, *Vysotnoe Raspedlenie Rast. Gor. Putorana*: 136 (1980): *L. sibiricum* var. *peleiolepis*.
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 merinoi R. Vogt & S. Castroviejo in *An. Jard. Bot. Madrid*, 45(2): 567 (1988 publ. 1989)—Spain, Portugal.
 monspeliense
 var. *ruscionense* (*Jeanb. & Timb.-Lagr.*) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 91 (1987 publ. 1988): *L. palmatum* var. *ruscionense*.
 ×superbum (*Bergmans ex J. Ingram*) D.H. Kent in *Watsonia*, 18(1): 89 (1990): *Chrysanthemum* × *superbum*.
 vulgare
 subsp. gracilicaule (*León-Dufour*) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 91 (1987 publ. 1988): *Chrysanthemum gracilicaule*.
 subsp. maximum (*Ramond*) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 91 (1987 publ. 1988): *Chrysanthemum maximum*.

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 flaccida
 var. *scaberula* (*Hook. f.*) S.R. Srinivasan in A.N. Henry, G.R. Kumari & V. Chithra, *Fl. Tamil Nadu, India, Ser. 1*, 2: 176 (1987): *L. mollissima* var. *scaberula*.
 var. *sebastiana* (*Subbarao & Kumari*) N. Rama Rao in *J. Econ. Taxon. Bot.*, 12(2): 378 (1988 publ. 1989): *L. mollissima* var. *sebastiana*.
 indica (*L.*) Ait. f., *Hort. Kew. ed. 2*, 3: 409 (1811); cf. *D.J. Mabberley in Taxon*, 33(3): 439 (1984): *Leonurus indicus*.
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 var. *nagalapuramiana* (*Chandr. & Srin.*) N. Rama Rao in *J. Econ. Taxon. Bot.*, 12(2): 378 (1988 publ. 1989): *L. lavandulifolia* var. *nagalapuramiana*.
 var. *nagalapuramina* (*Chandr. & Srin.*) H.B. Naithani & S. Biswas in H.B. Naithani, *Flow. Pl. India, Nepal & Bhutan*: 342 (1990), isonym: *L. lavandulifolia* var. *nagalapuramina*.

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var. broteri (Jordan & Fourr.) B. Valdés in *Lagascalia*, 14(1): 176 (1986): Acis broteri.
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infuscatus A. Strid in *Willdenowia*, 16(1): 173 (1986)—Australia (W. Australia).
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yorkensis L. Pedley in *Austrobaileya*, 3(2): 268 (1990)—Australia (Queensland).
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coahuilensis J. Henrickson in *Aliso*, 12(3): 435 (1989 publ. 1990)—Mexico.
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petiolaris (DC.) M.G. Pimenov in *Fl. Iran.*, 162: 449 (1987): Ferula petiolaris.
polyscias (Boiss.) M.G. Pimenov in *Fl. Iran.*, 162: 446 (1987): Peucedanum polyscias.
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sect. Erocallis B. Mathew, *Genus Lewisia*: 139 (1989).
sect. Oppositifolia B. Mathew, *Genus Lewisia*: 139 (1989).
sect. Pygmaea B. Mathew, *Genus Lewisia*: 139 (1989).
subgen. Strophium B. Mathew, *Genus Lewisia*: 139 (1989), as '(J.E. Hohn) ex B. Mathew'.
- LEWISIA** :-
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subsp. wallowensis (C.L. Hitchcock) J.E. Hohn ex B. Mathew, *Genus Lewisia*: 101 (1989): L. columbiana var. wallowensis.
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hintoniorum (B.L. Turner) H. Robinson in *Phytologia*, 69(2): 58 (1990): Sinclairia hintoniorum.
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occutus
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lehmanniana A. Bunge, *Beitr. Fl. Russl.*: 124 (1852)—U.S.S.R. (Middle Asia).
wannienchun K.T. Fu in *Fl. Tsinlingensis*, 1(3): 458, 409 (1981)—China.
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var. arfakensis (Gibbs) D.J. de Laubenfels in *Fl. Males.*, 10(3): 446 (1988): L. arfakensis.
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filomenoi G.T. Prance in *Fl. Neotrop.*, 9S: 20 (1989)—Peru.
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gentryi G.T. Prance in *Fl. Neotrop.*, 9S: 24 (1989)—Colombia.
grandibracteata G.T. Prance in *Fl. Neotrop.*, 9S: 22 (1989)—Ecuador.
granvillei G.T. Prance in *Proc. Kon. Nederl. Acad. Wetensch., C*, 89(1): 114 (1986)—French Guiana, Brazil, Colombia.
hispidia G.T. Prance in *Fl. Neotrop.*, 9S: 37 (1989)—Venezuela.
laevigata G.T. Prance in *Fl. Neotrop.*, 9S: 41 (1989)—Brazil, Surinam.
lamentanda G.T. Prance in *Fl. Neotrop.*, 9S: 51 (1989)—Brazil.
nelsonii G.T. Prance in *Fl. Neotrop.*, 9S: 53 (1989)—Brazil.
- LICANIA** :-
occultans G.T. Prance in *Fl. Neotrop.*, 9S: 42 (1989)—Brazil.
tachirensis G.T. Prance in *Fl. Neotrop.*, 9S: 30 (1989)—Venezuela.
tambopatensis G.T. Prance in *Fl. Neotrop.*, 9S: 36 (1989)—Peru.
teixeirae G.T. Prance in *Fl. Neotrop.*, 9S: 47 (1989)—Brazil.
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pergamentea W. Burger in *Fieldiana, Bot.*, 23: 50 (1990)—Costa Rica.
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triplically G. Pedralli in *Napaea, Rev. Bot.*, 6: 27 (1988)—Brazil.
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- LIGULARIA** (Compos.).
discoidea S.W. Liu in *Fl. Xizangica*, 4: 832 (1985)—Xizang.
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f. angustifolium (R. Good) R. Mathur in R.R. Rao et al., *Fl. Ind. Enumerat. - Asterac.*: 53 (1988): Cremanthodium hookeri f. angustifolium.
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kanaitzensis
var. subnudicaulis (Hand.-Mazz.) S.W. Liu in *Fl. Reipubl. Popul. Sin.*, 77(2): 92 (1989): L. subnudicaulis.
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myriocephala Ling in *Fl. Xizangica*, 4: 831 (1985)—Xizang.
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rumicifolia (Drumm.) S.W. Liu in *Fl. Xizangica*, 4: 832 (1985): Senecio rumicifolius.
sibirica
subsp. arctica (Pojark.) V.G. Sergienko, *Fl. poluostrova Kanin*: 99 (1986): L. arctica.
tenuicaulis
var. purpuracea S.W. Liu in *Fl. Xizangica*, 4: 829 (1985)—Xizang.
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sinense
var. alpinum Shan ex K.T. Fu in *Fl. Tsinlingensis*, 1(3): 461, 419 (1981)—China.
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var. filisetum (Nakai & Kitag.) S.Y. He & W.T. Fan in *Fl. Hebeiensis*, 2: 272 (1988): Cnidium filisetum.
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acutissimum
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 subsp. morrisonense (Kanehira & Sasaki) B.M. Miao in *Invest. Stud. Nat., Mus. Hist. Nat. Shanghaiense*, 6: 94 (1986): L. morrisonense.
- latifolium C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14: 56 (1784)*—Japan.
- longitubum Hsu ex M.C. Chang & B.M. Miao in *Invest. Stud. Nat., Mus. Hist. Nat. Shanghaiense*, 6: 106 (1986)—China.
- sinense
 var. concavum M.C. Chang in *Invest. Stud. Nat., Mus. Hist. Nat. Shanghaiense*, 6: 81 (1986)—China.
- var. luodianense M.C. Chang in *Invest. Stud. Nat., Mus. Hist. Nat. Shanghaiense*, 6: 77 (1986)—China.
- var. rugosulum (W.W. Smith) M.C. Chang in *Invest. Stud. Nat., Mus. Hist. Nat. Shanghaiense*, 6: 78 (1986): L. rugosulum.
- xingrenense D.J. Liu in *Acta Phytotax. Sin.*, 26(3): 243 (1988)—China.
- yunguiense B.M. Miao in *Acta Phytotax. Sin.*, 26(3): 241 (1988)—China.

LILIUM (Liliac.).

- sect. Asteridium S.G. Haw, *Lilies of China*: 159 (1986).
- ser. Bulbifera M.V. Baranova in *Bot. Zhurn.*, 73(9): 1327 (1988).
- subsect. Callosa (Vrshcz) M.V. Baranova in *Bot. Zhurn.*, 73(9): 1328 (1988): L. ser. Callosa.
- subsect. Cernua (Vrshcz) M.V. Baranova in *Bot. Zhurn.*, 73(9): 1326 (1988): L. ser. Cernua.
- subsect. Dahurica M.V. Baranova in *Bot. Zhurn.*, 73(9): 1327 (1988).
- subsect. Davidiana M.V. Baranova in *Bot. Zhurn.*, 73(9): 1325 (1988).
- sect. Dimorphophyllum S.G. Haw, *Lilies of China*: 159 (1986).
- sect. Euroliurium M.V. Baranova in *Bot. Zhurn.*, 73(9): 1320 (1988).
- subsect. Fargesiana M.V. Baranova in *Bot. Zhurn.*, 73(9): 1328 (1988).
- subsect. Humboldtiana M.V. Baranova in *Bot. Zhurn.*, 73(9): 1323 (1988).
- subsect. Japonica M.V. Baranova in *Bot. Zhurn.*, 73(9): 1324 (1988).
- subsect. Longiflora M.V. Baranova in *Bot. Zhurn.*, 73(9): 1324 (1988).
- subsect. Lophophora M.V. Baranova in *Bot. Zhurn.*, 73(9): 1329 (1988).
- subsect. Mackliniana M.V. Baranova in *Bot. Zhurn.*, 73(9): 1329 (1988).
- sect. Nepalensia M.V. Baranova in *Bot. Zhurn.*, 73(9): 1327 (1988).
- subsect. Nepalensia M.V. Baranova in *Bot. Zhurn.*, 73(9): 1328 (1988).
- subsect. Pardalina M.V. Baranova in *Bot. Zhurn.*, 73(9): 1322 (1988).
- subsect. Philadelphia M.V. Baranova in *Bot. Zhurn.*, 73(9): 1327 (1988).
- sect. Pseudomartagon (Waugh) M.V. Baranova in *Bot. Zhurn.*, 73(9): 1322 (1988): L. subgen. Pseudomartagon.
- subsect. Regalia M.V. Baranova in *Bot. Zhurn.*, 73(9): 1324 (1988).
- subsect. Superba M.V. Baranova in *Bot. Zhurn.*, 73(9): 1322 (1988).
- subsect. Tubiflora M.V. Baranova in *Bot. Zhurn.*, 73(9): 1325 (1988).
- amabile
 var. immaculatum T.B. Lee in *Bull. Kwanak Arbor.*, 8: 1 (1987)—Korea.
- bakerianum
 subsp. sempervivoideum (Lévl.) D.R. McKean in *Notes Roy. Bot. Gard. Edinburgh*, 44(1): 185 (1986): Liliium sempervivoideum.
- brevistylum (S.Y. Liang) S.Y. Liang in *Acta Bot. Yunnanica*, 8(1): 52 (1986): L. nanum var. brevistylum.
- habaense F.T. Wang & T. Tang in *Acta Bot. Yunnanica*, 8(1): 51 (1986)—China.

LILIUM :-

- japonicum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14: 324 (1784)*—Japan.†
- jinfushanense L.J. Peng & B.N. Wang in *Acta Bot. Yunnanica*, 8(2): 225 (1986)—China.
- madeirense T.E. Bowdich, *Exc. Madeira*: 36, 37, 155 (1825); cf. D.J. Mabberley in *Bot. Macaronesica*, 6: 59 (1980)—Madeira.
- megalanthum (Wang & Tang) S.O. Sun in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(3): 135 (1989): L. concolor var. megalanthum.
- ningnanense J.M. Xu in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 68 (1986)—China.
- pinifolium L.J. Peng in *Acta Bot. Yunnanica*, 7(3): 317 (1985)—China.
- saccatum S.Y. Liang in *Fl. Xizangica*, 5: 540 (1987)—Xizang.

LIMACIA (Menispermac.).

- villosa (DC.) W. Theobald in F. Mason, *Burmah*, ed. 3, 2: 657 (1883); cf. D.J. Mabberley in *Taxon*, 34(1): 155 (1985): *Cocculus villosus*.

LIMACIOPSIS (Menispermac.).

- valida (Diels) H.S. Lo in *Fl. Yunnanica*, 3: 240 (1983): *Pachygone valida*.

LIMNANTHES (Limnanthac.).

- alba
 subsp. versicolor (E. Greene) C. Mason in *Madroño*, 36(1): 51 (1989): *Floerkea versicolor*.
- douglasii
 subsp. nivea (C. Mason) C. Mason in *Madroño*, 36(1): 50 (1989): L. douglasii var. nivea.
- subsp. rosea (Benth.) C. Mason in *Madroño*, 36(1): 50 (1989): L. rosea.
- subsp. sulphurea (C. Mason) C. Mason in *Madroño*, 36(1): 50 (1989): L. douglasii var. sulphurea.
- gracilis
 subsp. parishii (Jepson) R.M. Beauchamp in *Phytologia*, 59(7): 440 (1986): L. versicolor var. parishii.
- subsp. parishii (Jepson) C. Mason in *Madroño*, 36(1): 51 (1989), isonym: L. versicolor var. parishii.

LIMNAS (Gramin.).

- malyschevii O.D. Nikiforova in *Bot. Zhurn.*, 72(3): 391 (1987)—U.S.S.R. (Siberia, Soviet Far East).

LIMNIBOZA (Labiata.).

- lisowskiana P. Bamps in *Bull. Jard. Bot. Nation. Belg.*, 58(3-4): 547 (1988)—Zaire.

LIMNOPHILA (Scrophulariac.).

- borealis Y.Z. Zhao & Ma f. in *Acta Sci. Nat. Univ. Intramontolicae*, 21(1): 137 (1990)—China.
- brownii B.S. Wannan in *Taxon*, 35(3): 597 (1986)—Australia (Queensland).

LIMNOPHYTON (Alismatac.).

- australiense H.I. Aston in *Muelleria*, 6(5): 311 (1987)—Australia (Queensland).

LIMNORCHIS (Orchidac.).

- zothecina (Higgins & Welsh) W.A. Weber in *Phytologia*, 67(6): 427 (1989): *Habenaria zothecina*.

LIMODORUM (Orchidac.).

- abortivum
 var. trabutianum (Batt.) C. Raynaud, *Orchid. Maroc*: 97 (1985): L. trabutianum.
- striatum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14: 816 (1784)*—Japan.†

LIMONIUM (Plumbaginac.).

- albomarginatum S. Brullo in *Willdenowia*, 17(1-2): 15 (1988)—Greece.
- alcudianum M. Erben in *Mitt. Bot. Staatssamml. München*, 28: 398 (1989)—Balearic Is.
- algusae (Brullo) W. Greuter in *Willdenowia*, 16(2): 449 (1987): L. oleifolium subsp. algusae.
- alleizettei (Pau) S. Brullo & M. Erben in *Mitt. Bot. Staatssamml. München*, 28: 493 (1989): *Statice alleizettei*.
- antonii-llorensii L. Llorens in *Lazarova*, 8: 31 (1985 publ. 1986)—Balearic Is.

LIMONIUM :-

- artruchium M. Erben in *Mitt. Bot. Staatssamml. München*, 28: 361 (1989)—Balearic Is.
- aucheri (Girard) W. Greuter & Burdet in *Willdenowia*, 19(1): 39 (1989): *Statice aucheri*.
- avei (De Notaris) S. Brullo & Erben in *Willdenowia*, 17(1-2): 17 (1988): *Statice avei*.
- battandieri W. Greuter & Burdet in *Willdenowia*, 16(2): 449 (1987)—Algeria.
- baudinii I.A. Linchevskii in *Novosti Sist. Vyssh. Rast.*, 23: 107 (1986)—Tasmania.
- bianorii (Sennen & Pau) M. Erben in *Mitt. Bot. Staatssamml. München*, 28: 350 (1989): *Statice bianorii*.
- binervosum
 subsp. anglicum M.J. Ingrouille in *Bot. J. Linn. Soc.*, 92(3): 188 (1986)—Great Britain.
- var. aurignienense M.J. Ingrouille in *Bot. J. Linn. Soc.*, 92(3): 190 (1986)—Channel Is.
- subsp. cantianum M.J. Ingrouille in *Bot. J. Linn. Soc.*, 92(3): 188 (1986)—Great Britain.
- subsp. mutatum M.J. Ingrouille in *Bot. J. Linn. Soc.*, 92(3): 189 (1986)—Great Britain.
- subsp. sarniense M.J. Ingrouille in *Bot. J. Linn. Soc.*, 92(3): 190 (1986)—Channel Is.
- var. sarniense M.J. Ingrouille in *Bot. J. Linn. Soc.*, 92(3): 190 (1986)—Channel Is.
- subsp. saxonicum M.J. Ingrouille in *Bot. J. Linn. Soc.*, 92(3): 189 (1986)—Great Britain.
- var. serquense M.J. Ingrouille in *Bot. J. Linn. Soc.*, 92(3): 191 (1986)—Channel Is.
- boirae L. Llorens & J. Tébar in *An. Jard. Bot. Madrid*, 45(1): 177 (1988)—Balearic Is.
- bonnetii (Sennen) M. Erben in *Mitt. Bot. Staatssamml. München*, 28: 413 (1989): *Statice bonnetii*.
- brevipetiolatum R. Artelari & M. Erben in *Mitt. Bot. Staatssamml. München*, 22: 507 (1986)—Greece.
- britannicum M.J. Ingrouille in *Bot. J. Linn. Soc.*, 92(3): 199 (1986)—Great Britain.
- subsp. celticum M.J. Ingrouille in *Bot. J. Linn. Soc.*, 92(3): 203 (1986)—Great Britain.
- var. celticum M.J. Ingrouille in *Bot. J. Linn. Soc.*, 92(3): 203 (1986)—Great Britain.
- subsp. coombense M.J. Ingrouille in *Bot. J. Linn. Soc.*, 92(3): 201 (1986)—Great Britain.
- var. coombense M.J. Ingrouille in *Bot. J. Linn. Soc.*, 92(3): 202 (1986)—Great Britain.
- var. grandicaule M.J. Ingrouille in *Bot. J. Linn. Soc.*, 92(3): 202 (1986)—Great Britain.
- var. kelseyianum M.J. Ingrouille in *Bot. J. Linn. Soc.*, 92(3): 201 (1986)—Great Britain.
- var. pharensis M.J. Ingrouille in *Bot. J. Linn. Soc.*, 92(3): 203 (1986)—Great Britain.
- subsp. transcanalis M.J. Ingrouille in *Bot. J. Linn. Soc.*, 92(3): 202 (1986)—Great Britain.
- byzantium S. Brullo & M. Erben in *Mitt. Bot. Staatssamml. München*, 28: 419 (1989)—Tunisia.
- camposanum M. Erben in *Mitt. Bot. Staatssamml. München*, 28: 394 (1989)—Balearic Is.
- carpetanicum M. Erben in *Mitt. Bot. Staatssamml. München*, 27: 388 (1988)—Spain.
- carregadorensis M. Erben in *Mitt. Bot. Staatssamml. München*, 28: 364 (1989)—Balearic Is.
- cercinense S. Brullo & M. Erben in *Mitt. Bot. Staatssamml. München*, 28: 423 (1989)—Tunisia.
- clupeanum S. Brullo & M. Erben in *Mitt. Bot. Staatssamml. München*, 28: 426 (1989)—Tunisia.
- cofrentanum M. Erben in *Mitt. Bot. Staatssamml. München*, 28: 314 (1989)—Spain.
- confertum S. Brullo & M. Erben in *Mitt. Bot. Staatssamml. München*, 28: 429 (1989)—Tunisia.
- connivens M. Erben in *Mitt. Bot. Staatssamml. München*, 28: 353 (1989)—Balearic Is.
- cossonianum
 f. tabernense (Erben) G. Kunkel, *Florula Desierto Almeriense*: 201 (1988): L. tabernense.
- creticum R. Artelari in *Candollea*, 44(2): 415 (1989)—Crete.
- diomedea S. Brullo in *Willdenowia*, 17(1-2): 11 (1988)—Italy.
- dodartiforme M.J. Ingrouille in *Bot. J. Linn. Soc.*, 92(3): 208 (1986)—Great Britain.
- dragonericum M. Erben in *Mitt. Bot. Staatssamml. München*, 28: 345 (1989)—Balearic Is.
- dubium Gamajun ex M.V. Klokov in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1977: 64 (1977 publ. 1978)—U.S.S.R. (Middle Asia).

LIMONIUM :-

- escarrei *L. Llorens* & *J. Tébar* in *An. Jard. Bot. Madrid*, 45(1): 173 (1988)—Balearic Is.
 formenterae *L. Llorens* in *Lazarova*, 8: 72 (1985 publ. 1986)—Balearic Is.
 gougetianum
 subsp. multiceps (*Pomel*) *Quézel* & *Santa ex W. Greuter* & *Burdet* in *Willdenowia*, 16(2): 450 (1987): *Staticaceae* multiceps.
 grossii *L. Llorens* in *Lazarova*, 8: 76 (1985 publ. 1986)—Balearic Is.
 gymnesicum *M. Erben* in *Mitt. Bot. Staatssamml. München*, 22: 204 (1986), nom. nov.: *L. gougetianum* subsp. balearicum *Pignatti*.
 heterospicatum *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 383 (1989)—Balearic Is.
 hibernicum *M. Erben* in *Mitt. Bot. Staatssamml. München*, 27: 385 (1988), nom. nov.: *Staticaceae* *duriuscula* var. *procera* *Willk.*
 hipponense *S. Brullo* & *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 432 (1989)—Tunisia.
 ildense *M. Erben* in *Mitt. Bot. Staatssamml. München*, 27: 386 (1988), illegit. superfl. nom. nov., as 'sp. nov.': *Staticaceae* *tournefortii* *Girard*.
 intricatum *S. Brullo* & *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 435 (1989)—Tunisia.
 kairouanum *S. Brullo* & *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 438 (1989)—Tunisia.
 korbousense *S. Brullo* & *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 441 (1989)—Tunisia.
 lacertosum *S. Brullo* & *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 444 (1989)—Tunisia.
 laciniatum *P.V. Arrigoni* in *Boll. Soc. Sarda Sci. Nat.*, 22: 227 (1983)—Italy.
 letourneuxii (*Batt.*) *W. Greuter* & *Burdet* in *Willdenowia*, 16(2): 450 (1987): *Staticaceae* *letourneuxii*.
 lobetanum *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 317 (1989)—Spain.
 loganicum *M.J. Ingrouille* in *Bot. J. Linn. Soc.*, 92(3): 205 (1986), as 'longanicum'—Great Britain.
 longibracteatum *M. Erben* in *Mitt. Bot. Staatssamml. München*, 27: 393 (1988)—Spain.
 magallufianum *L. Llorens* in *Lazarova*, 8: 47 (1985 publ. 1986)—Balearic Is.
 marisoli *L. Llorens* in *Lazarova*, 8: 51 (1985 publ. 1986)—Balearic Is.
 melitense *S. Brullo* in *Willdenowia*, 17(1-2): 13 (1988)—Malta.
 menigense *S. Brullo* & *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 447 (1989)—Tunisia.
 migjornense *L. Llorens* in *Lazarova*, 8: 57 (1985 publ. 1986)—Balearic Is.
 minoricense *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 368 (1989)—Balearic Is.
 minus (*Boiss.*) *M. Erben* in *Mitt. Bot. Staatssamml. München*, 27: 382 (1988): *Staticaceae* *globulariaefolia* var. *minor*.
 mucronulatum (*H. Lindb.*) *W. Greuter* & *Burdet* in *Willdenowia*, 19(1): 40 (1989): *Staticaceae* *mucronulata*.
 neapolense *S. Brullo* & *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 450 (1989)—Tunisia.
 oblancoleatum *S. Brullo* & *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 453 (1989)—Tunisia.
 opulentum (*Lojac.*) *W. Greuter* in *Willdenowia*, 16(2): 450 (1987): *Staticaceae* *opulenta*.
 paradoxum
 var. *mutabile* *M.J. Ingrouille* in *Bot. J. Linn. Soc.*, 92(3): 192 (1986)—Great Britain.
 parvum *M.J. Ingrouille* in *Bot. J. Linn. Soc.*, 92(3): 204 (1986)—Great Britain.
 pavonianum *S. Brullo* in *Willdenowia*, 17(1-2): 13 (1988)—Sicily.
 pericotii (*O. Bolós* & *Vigo*) *W. Greuter* & *Burdet* in *Willdenowia*, 19(1): 40 (1989): *L. minutum* subsp. *pericotii*.
 pescadense *W. Greuter* & *Burdet* in *Willdenowia*, 16(2): 450 (1987)—Algeria.
 procerum (*C.E. Salmon*) *M.J. Ingrouille* in *Bot. J. Linn. Soc.*, 92(3): 193 (1986): *L. occidentale* var. *procerum*.
 subsp. *camprense* *M.J. Ingrouille* in *Bot. J. Linn. Soc.*, 92(3): 198 (1986)—Great Britain.
 var. *cornubiense* *M.J. Ingrouille* in *Bot. J. Linn. Soc.*, 92(3): 197 (1986)—Great Britain.
 subsp. *devoniense* *M.J. Ingrouille* in *Bot. J. Linn. Soc.*, 92(3): 197 (1986)—Great Britain.

LIMONIUM :-

- var. *hibernicum* *M.J. Ingrouille* in *Bot. J. Linn. Soc.*, 92(3): 195 (1986)—Ireland.
 var. *medium* *M.J. Ingrouille* in *Bot. J. Linn. Soc.*, 92(3): 195 (1986)—Great Britain.
 var. *paramedium* *M.J. Ingrouille* in *Bot. J. Linn. Soc.*, 92(3): 197 (1986)—Great Britain.
 var. *wessexense* *M.J. Ingrouille* in *Bot. J. Linn. Soc.*, 92(3): 197 (1986)—Great Britain.
 pseudarticulatum *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 342 (1989)—Balearic Is.
 pseudobusitanum *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 409 (1989)—Balearic Is.
 pseudodictyoeladum *W. Greuter* & *Burdet* in *Willdenowia*, 16(2): 450 (1987)—Locality not stated.
 pseudodictyoeladum (*Pignatti*) *L. Llorens* in *Lazarova*, 8: 60 (1985 publ. 1986): *L. virgatum* subsp. *pseudodictyoeladum*.
 pseudominutum *M. Erben* in *Mitt. Bot. Staatssamml. München*, 27: 397 (1988)—France.
 punicum *S. Brullo* & *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 481 (1989)—Tunisia.
 pyramidatum *S. Brullo* & *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 456 (1989)—Tunisia.
 quesadense *M. Erben* in *Mitt. Bot. Staatssamml. München*, 27: 390 (1988)—Spain.
 recurvum
 var. *donegalense* *M.J. Ingrouille* in *Bot. J. Linn. Soc.*, 92(3): 213 (1985)—Ireland.
 subsp. *humile* (*Girard*) *M.J. Ingrouille* in *Bot. J. Linn. Soc.*, 92(3): 213 (1986): *Staticaceae* *didartii* var. *humile*.
 var. *humile* (*Girard*) *M.J. Ingrouille* in *Bot. J. Linn. Soc.*, 92(3): 213 (1986): *Staticaceae* *didartii* var. *humile*.
 var. *kerryense* *M.J. Ingrouille* in *Bot. J. Linn. Soc.*, 92(3): 212 (1986)—Ireland.
 subsp. *portlandicum* *M.J. Ingrouille* in *Bot. J. Linn. Soc.*, 92(3): 211 (1986)—Great Britain, Ireland.
 var. *portlandicum* *M.J. Ingrouille* in *Bot. J. Linn. Soc.*, 92(3): 212 (1986)—Great Britain.
 var. *pseudoparadoxum* *M.J. Ingrouille* in *Bot. J. Linn. Soc.*, 92(3): 214 (1986)—Ireland.
 subsp. *pseudotranswallianum* *M.J. Ingrouille* in *Bot. J. Linn. Soc.*, 92(3): 212 (1986)—Ireland.
 var. *recurviforme* *M.J. Ingrouille* in *Bot. J. Linn. Soc.*, 92(3): 212 (1986)—Great Britain.
 retirameum *W. Greuter* & *Burdet* in *Willdenowia*, 16(2): 451 (1987)—Sardinia.
 retusum *L. Llorens* in *Lazarova*, 8: 80 (1985 publ. 1986)—Balearic Is.
 rubescens *S. Brullo* & *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 459 (1989)—Tunisia, Algeria.
 santapolense *M. Erben* in *Mitt. Bot. Staatssamml. München*, 27: 392 (1988)—Spain.
 saxicolum *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 402 (1989)—Balearic Is.
 scorpioides *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 387 (1989)—Balearic Is.
 secundirameum (*Lojac.*) *W. Greuter* & *Burdet* in *Willdenowia*, 16(2): 451 (1987): *Staticaceae* *secundiramea*.
 serratum *S. Brullo* & *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 463 (1989)—Tunisia.
 sinisicum *M. Erben* in *Mitt. Bot. Staatssamml. München*, 22: 210 (1986)—Sardinia.
 soboliferum *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 327 (1989)—Spain.
 solanderi *I.A. Linchevskii* in *Novosti Sist. Vyssh. Rast.*, 23: 105 (1986)—Australia (Queensland).
 squarrosom *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 338 (1989)—Spain.
 stenophyllum *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 324 (1989)—Spain.
 sucronicum *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 321 (1989)—Spain.
 tacapense *S. Brullo* & *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 466 (1989)—Tunisia.
 tamarindanum *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 372 (1989)—Balearic Is.
 tenuicaule *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 376 (1989)—Balearic Is.
 thaenicum *S. Brullo* & *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 469 (1989)—Tunisia.
 todaroanum *F.M. Raimondo* & *S. Pignatti* in *Webbia*, 39(2): 417 (1986)—Sicily.

LIMONIUM :-

- toletanum *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 331 (1989)—Spain.
 tournefortii (*Pignatti*) *M. Erben* in *Mitt. Bot. Staatssamml. München*, 14: 514 (1978), as '(Girard)' but *Staticaceae* *tournefortii* *Girard* is illegit.: *Limonium delicatulum* subsp. *tournefortii*.
 tritonianum *S. Brullo* & *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 472 (1989)—Tunisia.
 ugijarense *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 335 (1989)—Spain.
 ursanum *M. Erben* in *Mitt. Bot. Staatssamml. München*, 22: 214 (1986)—Sardinia.
 validum *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 357 (1989)—Balearic Is.
 wiedmannii *M. Erben* in *Mitt. Bot. Staatssamml. München*, 22: 206 (1986)—Balearic Is.
 xerophilum *S. Brullo* & *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 475 (1989)—Tunisia.
 zeugitanum *S. Brullo* & *M. Erben* in *Mitt. Bot. Staatssamml. München*, 28: 478 (1989)—Tunisia.

LIMOSELLA (Scrophulariac.).

- granitica *W.R. Barker* in *Fl. S. Australia*, 3: 1284 (1986)—Australia (S. Australia).
 inflata *O.M. Hilliard* & *B.L. Burt* in *Notes Roy. Bot. Gard. Edinburgh*, 43(2): 213 (1986)—South Africa (Natal, Cape Province, Orange Free State), Lesotho, Botswana.
 vesiculosa *O.M. Hilliard* & *B.L. Burt* in *Notes Roy. Bot. Gard. Edinburgh*, 43(2): 215 (1986)—Lesotho, South Africa (Natal, Cape Province).

LINARIA (Scrophulariac.).

- sect. *Corrugatae* *M.B. Kapanadze* in *Bot. Zhurn.*, 73(10): 1480 (1988).
 subsect. *Elegantes* (*Viano*) *D.A. Sutton*, *Revis. tribe Antirrhineae*: 451 (1988): *L. sect. Elegantes*.
 subsect. *Trimerocalyx* (*Murb.*) *D.A. Sutton*, *Revis. tribe Antirrhineae*: 420 (1988): *L. sect. Trimerocalyx*.
 aeruginea
 subsp. *nevadensis* (*Boiss.*) *D.A. Sutton*, *Revis. tribe Antirrhineae*: 380 (1988): *L. supina* var. *nevadensis*.
 aguillonensis (*García Martínez*) *X.R. García Martínez* & *F.J. Silva-Pardo* in *An. Jard. Bot. Madrid*, 43(1): 179 (1986): *L. thymifolia* subsp. *aguillonensis*.
 alaica *S.Yu. Yunusov* in *Fl. Tadzhikskoi SSR*, 8: 484, 335 (1986)—U.S.S.R. (Middle Asia).
 amethystea
 subsp. *ignescens* (*G. Kunze*) *D.A. Sutton*, *Revis. tribe Antirrhineae*: 401 (1988): *L. ignescens*.
 badachshchanica *S.Yu. Yunusov* in *Fl. Tadzhikskoi SSR*, 8: 484, 335 (1986)—U.S.S.R. (Middle Asia).
 badalii
 var. *glaberrima* (*Frey* ex *Willk.*) *P. Galán Cela* in *Fontqueria*, 30: 114 (1990): *L. supina* var. *glaberrima*.
 benitoi *J. Fernández Casas* in *Fontqueria*, 2: 29 (1982)—Spain.
 bipunctata
 subsp. *glutinosa* (*Hoffmanns.* & *Link*) *D.A. Sutton*, *Revis. tribe Antirrhineae*: 415 (1988): *L. glutinosa*.
 bordiana
 subsp. *kralikiana* (*Maire*) *D.A. Sutton*, *Revis. tribe Antirrhineae*: 440 (1988): *L. elegans* var. *kralikiana*.
 brachyphylla *D. Delipavlov* in *Feddes Repert.*, 101(7-8): 344 (1990)—Bulgaria.
 dalmatica
 subsp. *macedonica* (*Griseb.*) *D.A. Sutton*, *Revis. tribe Antirrhineae*: 321 (1988): *L. macedonica*.
 dianthifolia *Henckel*, *Adumb. Pl. Hort. Hal.*: 11 (1806); cf. *D.J. Mabberley* in *Taxon*, 32(1): 85 (1983)—Locality not stated.
 geniifolia
 subsp. *euxina* (*Velen.*) *D.A. Sutton*, *Revis. tribe Antirrhineae*: 317 (1988): *L. euxina*.
 heterophylla
 subsp. *gigantea* *A. Dobignard* & *D. Jordan* in *Saussurea*, 18: 90 (1987), nom. nov.: *L. heterophylla* var. *maroccana* *Maire*.

LINARIA :-

- italica* Trev., *Ind. Sem. Wratislav. App. II*: 2 (1820); cf. D.J. Mabberley in *Taxon*, 31(1): 71 (1982)—Locality not stated.
- jaxartica* I.G. Levichev in *Opred. Rast. Sred. Azii*, 9: 363 (1987)—U.S.S.R. (Middle Asia).
- kurdica**
subsp. sintenisii (P.H. Davis) D.A. Sutton, *Revis. tribae Antirrhineae*: 308 (1988): *L. sintenisii*.
- laxiflora**
subsp. calcarlongum M. Qaiser in *Fl. Libya*, 88: 56 (1982)—Libya.
- michauxii**
var. parviflora J. Léonard in *Bull. Jard. Bot. Nation. Belg.*, 56(1-2): 224 (1986)—Iran.
- multicaulis**
subsp. aurasiaca (Pomel) D.A. Sutton, *Revis. tribae Antirrhineae*: 449 (1988): *L. aurasiaca*.
subsp. galioides (Ball) D.A. Sutton, *Revis. tribae Antirrhineae*: 448 (1988): *L. galioides*.
subsp. heterophylla (Desf.) D.A. Sutton, *Revis. tribae Antirrhineae*: 448 (1988): *L. heterophylla*.
- oblongifolia**
subsp. aragonensis (Lange) D.A. Sutton, *Revis. tribae Antirrhineae*: 391 (1988): *L. diffusa* var. *aragonensis*.
- oligantha**
subsp. valentina D.A. Sutton, *Revis. tribae Antirrhineae*: 412 (1988)—Spain.
- orbensis** J.L. Carretero & H. Boira in *An. Jard. Bot. Madrid*, 42(2): 411 (1985 publ. 1986)—Spain.
- parviracemosa** D.A. Sutton, *Revis. tribae Antirrhineae*: 355 (1988)—Algeria.
- polygalifolia**
subsp. lamarckii (Rouv.) D.A. Sutton, *Revis. tribae Antirrhineae*: 373 (1988): *L. lamarckii*.
- pyramidalis**
subsp. kopetdaghensis (Kuprian.) D.A. Sutton, *Revis. tribae Antirrhineae*: 299 (1988): *L. kopetdaghensis*.
subsp. lenkoranica (Kuprian.) D.A. Sutton, *Revis. tribae Antirrhineae*: 297 (1988): *L. lenkoranica*.
- quasisessilis** I.G. Levichev in *Opred. Rast. Sred. Azii*, 9: 363 (1987)—U.S.S.R. (Middle Asia).
- reflexa**
subsp. agglutinans (Pomel) D.A. Sutton, *Revis. tribae Antirrhineae*: 344 (1988): *L. agglutinans*.
subsp. brevicealcarata D.A. Sutton, *Revis. tribae Antirrhineae*: 339 (1988)—Algeria, Tunisia.
subsp. doumetii (Bonnet & G. Barratte) D.A. Sutton, *Revis. tribae Antirrhineae*: 339 (1988): *L. doumetii*.
subsp. drummondiae D.A. Sutton, *Revis. tribae Antirrhineae*: 341 (1988)—Morocco.
subsp. puberula (Doumergue) D.A. Sutton, *Revis. tribae Antirrhineae*: 342 (1988): *L. reflexa* var. *puberula*.
- sessilis**
f. czemurganica S.Yu. Yunusov in *Fl. Tadzhikskoi SSR*, 8: 485 (1986)—U.S.S.R. (Middle Asia).
f. majdaculica S.Yu. Yunusov in *Fl. Tadzhikskoi SSR*, 8: 484 (1986)—U.S.S.R. (Middle Asia).
f. pamirica S.Yu. Yunusov in *Fl. Tadzhikskoi SSR*, 8: 485 (1986)—U.S.S.R. (Middle Asia).
- supina**
subsp. ajmasiana (Pau) A. Dobignard in *Saussurea*, 19: 110 (1988 publ. 1989): *L. supina* var. *ajmasiana*.
subsp. duriaeana D.A. Sutton, *Revis. tribae Antirrhineae*: 365 (1988)—Spain.
- tartessiana** (Vicioso) B. Valdés in *Lagascalia*, 14(1): 157 (1986): *L. heterophylla* subsp. *tartessiana*.
- tristis**
subsp. mesatlantica D.A. Sutton, *Revis. tribae Antirrhineae*: 377 (1988)—Morocco.
- tuberculata** D.A. Sutton, *Revis. tribae Antirrhineae*: 386 (1988)—Spain.
- × **valdesiana** O. Socorro & P. Aroza in *Stud. Bot. (Salamanca)*, 6: 127 (1987)—Spain. (*L. anticaria* × *verticillata*).
- viscosa**
subsp. crassifolia (Coutinho) D.A. Sutton, *Revis. tribae Antirrhineae*: 436 (1988): *L. viscosa* var. *crassifolia*.
subsp. spicata (Coutinho) D.A. Sutton, *Revis. tribae Antirrhineae*: 436 (1988): *L. spicata*.

LINDELOFIA (Boraginac.).

- anchusoides**
subsp. aspera (Rech. f.) F. Sadat in *Mitt. Bot. Staatssamml. München*, 28: 104 (1989): *L. aspera*.

LINDERA (Laurac.).

- sect. Cephalodaphne** (Bl.) H.P. Tsui in *Acta Phytotax. Sin.*, 25(3): 164 (1987): *Daphnidium* sect. *Cephalodaphne*.
subsect. Gemmiflorae H.P. Tsui in *Acta Phytotax. Sin.*, 25(3): 165 (1987).
subsect. Gracilipedes H.P. Tsui in *Acta Phytotax. Sin.*, 25(3): 165 (1987).
sect. Iteadaphne H.P. Tsui in *Acta Phytotax. Sin.*, 25(3): 167 (1987).
subsect. Pedunculares H.P. Tsui in *Acta Phytotax. Sin.*, 25(3): 167 (1987).
subsect. Sessiles H.P. Tsui in *Acta Phytotax. Sin.*, 25(3): 167 (1987).
sect. Trinerviae H.P. Tsui in *Acta Phytotax. Sin.*, 25(3): 167 (1987).
- aggregata**
f. playfairii (Hemsl.) J.C. Liao in *Quart. J. Chinese Forest.*, 21(3): 78 (1988): *Litsea* ? *playfairii*.
- erythrocarpa**
var. longipes S.B. Liang in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 90 (1988)—China.
- fragrans**
var. linearifolia Y.K. Li in *Guihaia*, 5(4): 345 (1985)—China.
- glabrata** (Bl.) H. Koyama in *Acta Phytotax. Geobot.*, 38: 168 (1987): *L. sericea* var. *glabrata*.
- henanensis** H.P. Tsui in *Acta Phytotax. Sin.*, 25(5): 412 (1987)—China.
- lancea** (Moriyama) H. Koyama in *Acta Phytotax. Geobot.*, 38: 169 (1987): *L. umbellata* var. *lancea*.
- pomiensis** (Tsui) H.P. Tsui in *Acta Bot. Yunnanica*, 10(1): 124 (1988): *L. fruticosa* var. *pomiensis*.
- queenslandica** B.P.M. Hyland in *Austral. Syst. Bot.*, 2(2-3): 252 (1989)—Australia (Queensland).
- thomsonii**
var. velutina (Forr.) L.C. Wang in *Acta Bot. Bor.-Occid. Sin.*, 6(1): 64 (1986): *L. stychnifolia* var. *velutina*.
- LINDERNIA** (Scrophulariac.).
subgen. Didymadenia W.R. Barker in *J. Adelaide Bot. Gard.*, 13: 79 (1990).
sect. Discostigma X.H. Guo & X.L. Liu in *Acta Phytotax. Sin.*, 26(2): 153 (1988).
acicularis E. Fischer in *Bull. Jard. Bot. Nation. Belg.*, 59(3-4): 446 (1989)—Burundi, Tanzania.
aplectra W.R. Barker in *J. Adelaide Bot. Gard.*, 13: 80 (1990)—Australia (N. Terr., W. Australia, Queensland).
bampsi E. Fischer in *Bull. Jard. Bot. Nation. Belg.*, 59(3-4): 449 (1989)—Zaire.
capitata E. Fischer in *Bull. Jard. Bot. Nation. Belg.*, 59(3-4): 448 (1989)—Zaire.
chrysoplectra W.R. Barker in *J. Adelaide Bot. Gard.*, 13: 81 (1990)—Australia (W. Australia).
cleistandra W.R. Barker in *J. Adelaide Bot. Gard.*, 13: 82 (1990)—Australia (W. Australia, N. Terr.).
conferta (Hiern) D. Philcox in *Bol. Soc. Brot.*, 60: 268 (1987): *Ilysanthes conferta*.
eremophiloides W.R. Barker in *J. Adelaide Bot. Gard.*, 13: 84 (1990)—Australia (W. Australia).
exilis D. Philcox in *Bol. Soc. Brot.*, 60: 269 (1987), nom. nov.: *Ilysanthes gracilis* Skan.
hartlii E. Fischer & Hepper in *Bull. Jard. Bot. Nation. Belg.*, 59(3-4): 447 (1989)—Tanzania.
hypandra W.R. Barker in *J. Adelaide Bot. Gard.*, 13: 85 (1990)—Australia (W. Australia).
japonica C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 567 (1784)—Japan. †
juhuhanica X.H. Guo & X.L. Liu in *Acta Phytotax. Sin.*, 26(2): 153 (1988)—China.
macrosiphonia (FvM.) W.R. Barker in *J. Adelaide Bot. Gard.*, 13: 86 (1990): *Rhamphicarpa macrosiphonia*.
pulchella (Skan) D. Philcox in *Bol. Soc. Brot.*, 60: 268 (1987): *Ilysanthes pulchella*.
subreniformis D. Philcox in *Bol. Soc. Brot.*, 60: 268 (1987)—Tanzania.
taishanensis F.Z. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 169 (1986)—China.

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- tectanthera** W.R. Barker in *J. Adelaide Bot. Gard.*, 13: 86 (1990)—Australia (W. Australia).
wilmsii (Engl. & Diels) D. Philcox in *Bol. Soc. Brot.*, 60: 268 (1987): *Ilysanthes wilmsii*.

LINDMANIA (Bromeliac.).

- arachnoidea** (L.B. Smith, Steyermark & Robinson) L.B. Smith in *Ann. Missouri Bot. Gard.*, 73(4): 697 (1986 publ. 1987): *Cottendorfia arachnoidea*.
atorosea (L.B. Smith, Steyermark & Robinson) L.B. Smith in *Ann. Missouri Bot. Gard.*, 73(4): 695 (1986 publ. 1987): *Cottendorfia atorosea*.
aurea L.B. Smith, J.A. Steyermark & H. Robinson in *Ann. Missouri Bot. Gard.*, 73(4): 697 (1986 publ. 1987)—Venezuela.
brachyphylla
var. angustior (L.B. Smith, Steyermark & Robinson) R.W. Read ex L.B. Smith in *Ann. Missouri Bot. Gard.*, 73(4): 695 (1986 publ. 1987): *Cottendorfia brachyphylla* var. *angustior*.
dendritica (L.B. Smith) L.B. Smith in *Ann. Missouri Bot. Gard.*, 73(4): 695 (1986 publ. 1987): *Cottendorfia dendritica*.
dyckioidea (L.B. Smith) L.B. Smith in *Ann. Missouri Bot. Gard.*, 73(4): 695 (1986 publ. 1987): *Cottendorfia dyckioidea*.
geniculata
var. minor (L.B. Smith, Steyermark & Robinson) L.B. Smith in *Ann. Missouri Bot. Gard.*, 73(4): 695 (1986 publ. 1987): *Cottendorfia geniculata* var. *minor*.
gracillima (L.B. Smith) L.B. Smith in *Ann. Missouri Bot. Gard.*, 73(4): 693 (1986 publ. 1987): *Cottendorfia gracillima*.
guianensis
var. vestita (L.B. Smith) L.B. Smith in *Ann. Missouri Bot. Gard.*, 73(4): 695 (1986 publ. 1987): *Cottendorfia guianensis* var. *vestita*.
holstii J.A. Steyermark & L.B. Smith in *J. Bromeliad Soc.*, 38(2): 51 (1988)—Venezuela.
huberi L.B. Smith, J.A. Steyermark & H. Robinson in *Ann. Missouri Bot. Gard.*, 73(4): 699 (1986 publ. 1987)—Venezuela.
imitans L.B. Smith, J.A. Steyermark & H. Robinson in *Ann. Missouri Bot. Gard.*, 73(4): 697 (1986 publ. 1987)—Venezuela.
lateralis (L.B. Smith & R.W. Read) L.B. Smith & H. Robinson in *Ann. Missouri Bot. Gard.*, 73(4): 693 (1986 publ. 1987): *Cottendorfia lateralis*.
longipes (L.B. Smith) L.B. Smith in *Ann. Missouri Bot. Gard.*, 73(4): 695 (1986 publ. 1987): *Cottendorfia longipes*.
maguirei (L.B. Smith) L.B. Smith in *Ann. Missouri Bot. Gard.*, 73(4): 695 (1986 publ. 1987): *Cottendorfia maguirei*.
marahuacae (L.B. Smith, Steyermark & Robinson) L.B. Smith in *Ann. Missouri Bot. Gard.*, 73(4): 699 (1986 publ. 1987): *Cottendorfia marahuacae*.
nubigena (L.B. Smith) L.B. Smith in *Ann. Missouri Bot. Gard.*, 73(4): 695 (1986 publ. 1987): *Cottendorfia nubigena*.
piresii L.B. Smith, J.A. Steyermark & H. Robinson in *Ann. Missouri Bot. Gard.*, 73(4): 698 (1986 publ. 1987)—Brazil.
riparia L.B. Smith, J.A. Steyermark & H. Robinson in *Ann. Missouri Bot. Gard.*, 73(4): 695 (1986 publ. 1987)—Venezuela.
savannensis (L.B. Smith) L.B. Smith in *Ann. Missouri Bot. Gard.*, 73(4): 695 (1986 publ. 1987): *Cottendorfia savannensis*.
saxicola L.B. Smith, J.A. Steyermark & H. Robinson in *Ann. Missouri Bot. Gard.*, 73(4): 693 (1986 publ. 1987)—Venezuela.
sessilis L.B. Smith, J.A. Steyermark & H. Robinson in *Ann. Missouri Bot. Gard.*, 73(4): 693 (1986 publ. 1987)—Venezuela.
smithiana (Steyermark & Luteyn) L.B. Smith in *Ann. Missouri Bot. Gard.*, 73(4): 698 (1986 publ. 1987): *Connellia smithiana*.
terramarae L.B. Smith, J.A. Steyermark & H. Robinson in *Ann. Missouri Bot. Gard.*, 73(4): 698 (1986 publ. 1987)—Venezuela.

LINGNANIA (Gramin.).

- chungii**
var. barbellata Q.H. Dai in *Acta Phytotax. Sin.*, 24(5): 395 (1986)—China.

LINGNANIA :—

longianthera G.A. Fu in *J. Bamboo Res.*, 5(2): 41 (1986)—Hainan.

LINKAGROSTIS A.T. Romero García, G. Blanca & C. Morales Torres in Candollea, 42(1): 383 (1987). GRAMINEAE.

juressi (Link) A.T. Romero García, G. Blanca & C. Morales Torres in Candollea, 42(1): 383 (1987); *Agrostis juressi*.

LINUM (Linac.).

sect. *Stellerolinum* Juz. ex N.S. Probatova in *Sosud. Rast. Sovet. Dal'negu Vostoka*, 3: 136 (1988).

capitatum

subsp. serrulatum (Bertol.) P. Hartvig in A. Strid (ed.), *Mount. Fl. Greece*, 1: 556 (1986): *L. serrulatum*.

flavum

subsp. albanicum (Janchen) P. Hartvig in A. Strid (ed.), *Mount. Fl. Greece*, 1: 556 (1986): *L. albanicum*.

hellenicum G.A. Iatrou in *Willdenowia*, 19(1): 69 (1989)—Greece.

ockendonii W. Greuter & Burdet in *Willdenowia*, 19(1): 35 (1989)—France.

olympicum

subsp. athoum P. Hartvig in A. Strid (ed.), *Mount. Fl. Greece*, 1: 563 (1986)—Greece. *N1*

suffruticosum

subsp. milletii (Sennen & Gonzalo) A.M. Romo i Diez, *Pl. Vasc. Abella de la Conca*: 28 (1989): *L. milletii*.

usitatissimum

subsp. bienne (Mill.) A.K. Stankevich in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Sele.*, 113: 61 (1987): *L. bienne*.

subsp. humile (Mill.) N.M. Chernomorskaya in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Sele.*, 113: 58 (1987), as '(L.): *L. humile*.

subsp. intermedium N.M. Chernomorskaya in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Sele.*, 113: 60 (1987)—Cultivation.

subsp. latifolium (L.) A.K. Stankevich in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Sele.*, 113: 59 (1987), given basionym non-existent: *L. usitatissimum* ζ . *latifolium*.

LIPARIS (Orchidac.).

aaronii P.J. Cribb & B. Lewis in *Orchid Rev.*, 97(1150): 251 (1989)—Vanuatu.

argentopunctata L.V. Aver'yanov in *Bot. Zhurn.*, 73(1): 106 (1988)—Vietnam.

dendrochiloides Seidenf. ex L.V. Aver'yanov in *Bot. Zhurn.*, 73(3): 432 (1988)—Vietnam.

greenwoodiana A. Espejo Serna in *Orquídeas (México)*, 10(2): 370 (1987)—Mexico.

hirtzii C.H. Dodson in *Icon. Pl. Trop.*, Ser. 2, 6: t. 511 (1989)—Ecuador.

kinabaluensis J.J. Wood in *Lindleyana*, 5(2): 84 (1990)—Borneo (Sabah).

kramerii

var. sasakii (Hayata) T. Hashimoto in *Bull. Nation. Sci. Mus.*, B (Tokyo), 13(1): 39 (1987): *L. sasakii*.

tigerhillensis A.P. Das & S. Chanda in *J. Econ. Taxon. Bot.*, 12(2): 403 (1988 publ. 1989)—India, Sikkim.

truncata F. Maekawa ex T. Hashimoto in *Bull. Nation. Sci. Mus.*, B (Tokyo), 13(1): 38 (1987)—Japan.

vestita

subsp. seidenfadennii S. Misra in *Nordic J. Bot.*, 6(1): 26 (1986)—India.

yamadae (Tuyama) F.R. Fosberg & M.H. Sacht in *Micronesica*, 20(1–2): 141 (1988): *Cesticthis yamadae*.

LIPOCARPHA (Cyperac.).

abietina P. Goetghebeur in *Wageningen Agric. Univ. Pap.*, 89(1): 19 (1989)—Burundi, Senegal, Ivory Coast, Mali, Upper Volta, Central African Republic, Chad, Cameroun, Zaïre, Tanzania, Angola, Botswana.

aristulata (Cov.) G.C. Tucker in *J. Arnold Arbor.*, 68(4): 410 (1987): *Hemicarpha micrantha* var. *aristulata*.

constricta P. Goetghebeur in *Wageningen Agric. Univ. Pap.*, 89(1): 31 (1989)—Burundi, Ethiopia.

LIPOCARPHA :—

crassiscuspis (J. Raynal) P. Goetghebeur in *Wageningen Agric. Univ. Pap.*, 89(1): 32 (1989): *L. prieuriana* var. *crassiscuspis*.

drummondii (Nees) G.C. Tucker in *J. Arnold Arbor.*, 68(4): 410 (1987): *Hemicarpha drummondii*.

hemisphaerica (Roth) P. Goetghebeur in *Wageningen Agric. Univ. Pap.*, 89(1): 37 (1989): *Scirpus hemisphaericus*.

kernii (Raymond) P. Goetghebeur in *Wageningen Agric. Univ. Pap.*, 89(1): 42 (1989): *Scirpus kernii*.

mangarevica H. St. John, *Census Flora Gambier Is., Polynesia (Pacific Pl. Studies* 43): 9 (1988)—Tuamotu Is.

micrantha (Vahl) G.C. Tucker in *J. Arnold Arbor.*, 68(4): 410 (1987): *Scirpus micranthus*.

occidentalis (Gray) G.C. Tucker in *J. Arnold Arbor.*, 68(4): 410 (1987): *Hemicarpha occidentalis*.

perspicua S.S. Hooper in *Kew Bull.*, 41(2): 424 (1986)—Angola.

reddyi S.S. Hooper in *Kew Bull.*, 41(2): 427 (1986)—India.

rehmannii (Ridley) P. Goetghebeur in *Wageningen Agric. Univ. Pap.*, 89(1): 64 (1989): *Scirpus rehmannii*.

schomburgkii (Friedl.) G.C. Tucker in *J. Arnold Arbor.*, 68(4): 410 (1987): *Hemicarpha schomburgkii*.

squarrosa (L.) P. Goetghebeur in *Wageningen Agric. Univ. Pap.*, 89(1): 71 (1989): *Scirpus squarrosus*.

thermalis J. Raynal ex P. Goetghebeur in *Wageningen Agric. Univ. Pap.*, 89(1): 73 (1989)—Zaire.

LIPPIA (Verbenac.).

baumii

var. nyikensis R.B. Fernandes in *Bol. Soc. Brot.*, 59: 252 (1986)—Malawi.

var. nyassensis R.B. Fernandes in *Bol. Soc. Brot.*, 59: 251 (1986)—Malawi.

LIRIOPE (Convallariac.).

spicata

var. humilis F.Z. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 170 (1986)—China.

LISIANTHIUS (Gentianac.).

aurantiacus K.J. Sytsma in *Ann. Missouri Bot. Gard.*, 75(4): 1599 (1988 publ. 1989)—Panama.

habuensis K.J. Sytsma in *Ann. Missouri Bot. Gard.*, 75(4): 1597 (1988 publ. 1989)—Panama.

weaveri K.J. Sytsma in *Ann. Missouri Bot. Gard.*, 75(4): 1596 (1988 publ. 1989)—Panama.

LISSOCARPA (Lissocarpac.).

stenocarpa J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(1): 104 (1987)—Venezuela.

LISTERA (Orchidac.).

cordata

f. tetraphylla G. Lavoie in *Provancheria*, 17: 92 (1984)—Canada (Quebec).

grandiflora

var. megalochila S.C. Chen in *Acta Phytotax. Sin.*, 25(6): 473 (1987)—China.

nandadeviensis P.K. Hajra in *Bull. Bot. Surv. India*, 25(1–4): 181 (1983 publ. 1985)—India.

LITHOCARPUS (Fagac.).

amoenus W.Y. Chun & C.C. Huang in *Guihaia*, 8(1): 12 (1988)—China.

apricus C.C. Huang & Y.T. Chang in *Guihaia*, 8(1): 40 (1988)—China.

arisanensis

var. globosa C.F. Shen in C.F. Shen & T.S. Liu, *Taxon. & Pollen Morph. Fagaceae Taiwan*: 26 (1984)—Taiwan.

calophyllum Chun ex C.C. Huang & Y.T. Chang in *Guihaia*, 8(1): 27 (1988)—China.

cinereus W.Y. Chun & C.C. Huang in *Guihaia*, 8(1): 11 (1988)—China.

cornuus

var. angustifolius C.C. Huang & Y.T. Chang in *Guihaia*, 8(1): 15 (1988)—China.

var. fructuosus C.C. Huang & Y.T. Chang in *Guihaia*, 8(1): 15 (1988)—China.

var. hainanensis (Merr.) C.C. Huang & Y.T. Chang in *Guihaia*, 8(1): 14 (1988): *Quercus hainanensis*.

LITHOCARPUS :—

var. rhytidophyllus C.C. Huang & Y.T. Chang in *Guihaia*, 8(1): 15 (1988)—China.

var. zonatus C.C. Huang & Y.T. Chang in *Guihaia*, 8(1): 14 (1988)—China.

cucullatus C.C. Huang & Y.T. Chang in *Guihaia*, 8(1): 23 (1988)—China.

damiaoshanicus C.C. Huang & Y.T. Chang in *Guihaia*, 10(1): 8 (1990), contrary to Art. 37.5 ICBN (1988)—China.

elegans

var. collettii (King ex Hook. f.) H.B. Naithani & S. Biswas in H.B. Naithani, *Flow. Pl. India, Nepal & Bhutan*: 388 (1990): *Quercus spicata* var. *collettii*.

eribotryoides C.C. Huang & Y.T. Chang in *Guihaia*, 8(1): 25 (1988)—China.

fangii (Hu & Cheng) C.C. Huang & Y.T. Chang in *Guihaia*, 8(1): 32 (1988): *Pasania fangii*.

floccosus C.C. Huang & Y.T. Chang in *Guihaia*, 8(1): 20 (1988)—China.

gaoligongensis C.C. Huang & Y.T. Chang in *Guihaia*, 8(1): 39 (1988)—China.

gelicinus C.C. Huang & Y.T. Chang in *Guihaia*, 8(1): 31 (1988), nom. nov.: *Quercus spicata* var. *collettii* King.

himalaicus C.C. Huang & Y.T. Chang in *Guihaia*, 8(1): 13 (1988), nom. nov.: *Quercus spicata* var. *gracilipes* Hook. f.

jenkinsii (Benth.) C.C. Huang & Y.T. Chang in *Guihaia*, 8(1): 36 (1988): *Quercus jenkinsii*.

kuarunensis (Tomii) C.F. Shen in C.F. Shen & T.S. Liu, *Taxon. & Pollen Morph. Fagaceae Taiwan*: 36 (1984): *Synaedrys kuarunensis*.

var. lepidobalanus C.F. Shen in C.F. Shen & T.S. Liu, *Taxon. & Pollen Morph. Fagaceae Taiwan*: 36 (1984)—Taiwan.

leucodermis W.Y. Chun & C.C. Huang in *Guihaia*, 8(1): 18 (1988)—China.

levis W.Y. Chun & C.C. Huang in *Guihaia*, 8(1): 2 (1988)—China.

litseifolius

var. pubescens C.C. Huang & Y.T. Chang in *Guihaia*, 8(1): 11 (1988)—China.

longanoides C.C. Huang & Y.T. Chang in *Guihaia*, 8(1): 26 (1988)—China.

macilentus W.Y. Chun & C.C. Huang in *Guihaia*, 8(1): 30 (1988)—China.

melanochromus Chun & Tsiang ex C.C. Huang & Y.T. Chang in *Guihaia*, 8(1): 29 (1988)—China.

nitidinix (Hu) Chun ex C.C. Huang & Y.T. Chang in *Guihaia*, 8(1): 27 (1988): *Pasania nitidinix*.

oblanceolatus C.C. Huang & Y.T. Chang in *Guihaia*, 8(1): 24 (1988)—China.

pasania C.C. Huang & Y.T. Chang in *Guihaia*, 8(1): 35 (1988), nom. nov.: *Pasania lithocarpea* Oerst.

propinquus C.C. Huang & Y.T. Chang in *Guihaia*, 8(1): 19 (1988)—China.

qinzhouicus C.C. Huang & Y.T. Chang in *Guihaia*, 8(1): 17 (1988)—China.

quercifolius C.C. Huang & Y.T. Chang in *Guihaia*, 8(1): 16 (1988)—China.

talangensis C.C. Huang & Y.T. Chang in *Guihaia*, 8(1): 21 (1988), nom. nov.: *L. dealbatus* var. *yunnanensis* A. Camus.

uvarifolius

var. ellipticus (Metz.) C.C. Huang & Y.T. Chang in *Guihaia*, 8(1): 16 (1988): *L. ellipticus*.

LITHODORA (Boraginac.).

lusitanica (Samp.) J. Holub in *Preslia*, 58(4): 302 (1986): *Lithospermum lusitanicum*.

LITHOPS (Aizoac.).

aucampiae

subsp. euniceae (De Boer) D.T. Cole, *Lithops Flowering Stones*: 220 (1988): *L. aucampiae* var. *euniceae*.

dinteri

subsp. frederici (Cole) D.T. Cole, *Lithops Flowering Stones*: 220 (1988): *L. dinteri* var. *frederici*.

subsp. multipunctata (De Boer) D.T. Cole, *Lithops Flowering Stones*: 227 (1988): *L. dinteri* var. *multipunctata*.

gracilidelinata

subsp. brandbergensis (De Boer) D.T. Cole, *Lithops Flowering Stones*: 217 (1988): *L. pseudotruncatella* var. *brandbergensis*.

LITHOPS :-

- hookeri**
var. dabneri (L. Bol.) D.T. Cole, *Lithops Flowering Stones*: 218 (1988); L. dabneri.
var. elephina (Cole) D.T. Cole, *Lithops Flowering Stones*: 219 (1988); L. turbiniformis var. elephina.
var. lutea (De Boer) D.T. Cole, *Lithops Flowering Stones*: 225 (1988); L. turbiniformis var. lutea.
var. marginata (Nel) D.T. Cole, *Lithops Flowering Stones*: 226 (1988); L. marginata.
var. subfenestrata (De Boer) D.T. Cole, *Lithops Flowering Stones*: 231 (1988); L. turbiniformis var. subfenestrata.
var. susannae (Cole) D.T. Cole, *Lithops Flowering Stones*: 231 (1988); L. turbiniformis var. susannae.
- karasmontana**
subsp. bella (N.E. Br.) D.T. Cole, *Lithops Flowering Stones*: 217 (1988); L. bella.
subsp. eberlanzii (Dint. & Schwant.) D.T. Cole, *Lithops Flowering Stones*: 219 (1988); *Mesembryanthemum eberlanzii*.
- lesliei**
subsp. burchellii D.T. Cole, *Lithops Flowering Stones*: 217, 168 (1988)—South Africa (Cape Province).
- olivacea**
var. nebrownii D.T. Cole, *Lithops Flowering Stones*: 227, 176 (1988)—South Africa (Cape Province).
- pseudotruncatella**
subsp. archerae (De Boer) D.T. Cole, *Lithops Flowering Stones*: 217 (1988); L. archerae.
subsp. dendritica (Nel) D.T. Cole, *Lithops Flowering Stones*: 218 (1988); L. dendritica.
subsp. groendrayensis (Jacobs.) D.T. Cole, *Lithops Flowering Stones*: 222 (1988); L. pseudotruncatella var. groendrayensis.
subsp. volkii (Schwant. ex De Boer & Boom) D.T. Cole, *Lithops Flowering Stones*: 233 (1988); L. pseudotruncatella var. volkii.
- schwantesii**
subsp. gebseri (De Boer) D.T. Cole, *Lithops Flowering Stones*: 221 (1988); L. schwantesii var. gebseri.
- villetii**
subsp. deboeri (Schwant.) D.T. Cole, *Lithops Flowering Stones*: 218 (1988); L. deboeri.
subsp. kennedyi (De Boer) D.T. Cole, *Lithops Flowering Stones*: 224 (1988); L. fulleri var. kennedyi.

LITHOSPERMUM (Boraginac.).

- lanceolatum* (Pursh) Sweet, *Hort. Brit.*, ed. 2: 374 (1830); cf. D.J. Maberley in *Taxon*, 30(1): 16 (1981); Basionym not stated.

LITOSANTHES (Rubiace.).

- biermannii* (King ex Hook. f.) D.B. Deb & M. Gangopadhyay in *Candollea*, 44(1): 211 (1989); *Lasianthus biermannii*.
capitulatus (Wt.) D.B. Deb & M. Gangopadhyay in *Candollea*, 44(1): 213 (1989); *Lasianthus capitulatus*.
cinereus (Gamble) D.B. Deb & M. Gangopadhyay in *Candollea*, 44(1): 215 (1989); *Lasianthus cinereus*.
dichotomus (Wt.) D.B. Deb & M. Gangopadhyay in *Candollea*, 44(1): 215 (1989); *Lasianthus dichotomus*.
filiformis (King & Gamble) D.B. Deb & M. Gangopadhyay in *Candollea*, 44(1): 222 (1989); *Lasianthus filiformis*.
var. bracteata (King & Gamble) D.B. Deb & M. Gangopadhyay in *Candollea*, 44(1): 222 (1989); *Lasianthus filiformis* var. bracteata.
longicauda (Hook. f.) D.B. Deb & M. Gangopadhyay in *Candollea*, 44(1): 218 (1989); *Lasianthus longicauda*.
micranthus (Hook. f.) D.B. Deb & M. Gangopadhyay in *Candollea*, 44(1): 220 (1989); *Lasianthus micranthus*.
pendulus (Ridley) D.B. Deb & M. Gangopadhyay in *Candollea*, 44(1): 222 (1989); *Lasianthus pendulus*.
pseudolucidus (King) D.B. Deb & M. Gangopadhyay in *Candollea*, 44(1): 222 (1989); *Lasianthus pseudo-lucidus*.

LITOSANTHES :-

- robinsonii* (Ridley) D.B. Deb & M. Gangopadhyay in *Candollea*, 44(1): 222 (1989); *Lasianthus robinsonii*.
scalariformis (King & Gamble) D.B. Deb & M. Gangopadhyay in *Candollea*, 44(1): 222 (1989); *Lasianthus scalariformis*.
subspicatus (King & Gamble) D.B. Deb & M. Gangopadhyay in *Candollea*, 44(1): 223 (1989); *Lasianthus subspicatus*.
varians (Hook. f.) D.B. Deb & M. Gangopadhyay in *Candollea*, 44(1): 223 (1989); *Lasianthus varians*.
venulosus (Wt. & Arn.) D.B. Deb & M. Gangopadhyay in *Candollea*, 44(1): 220 (1989); *Santia venulosa*.
villosus (Ridley) D.B. Deb & M. Gangopadhyay in *Candollea*, 44(1): 223 (1989); *Lasianthus villosus*.

LITSEA (Laurac.).

- subgen. Actinodaphne* (Nees) J.C. Liao, *Taxon. Revis. Fam. Lauraceae in Taiwan*: vi (1988), without basionym ref.: Basionym not stated.
- akoensis**
f. hayatae (Kanehira) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 1: 278 (1985), without basionym ref.: L. hayatae.
anningheensis N. Chao & J.S. Liu in *Bull. Forest Pl. Res.*, 4: 11 (1988)—China.
auricolor A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 464 (1988), nom. nov.: L. aureo-sericea Kostermans (1974).
australis B.P.M. Hyland in *Austral. Syst. Bot.*, 2(2-3): 255 (1989)—Australia (New South Wales, Queensland).
bennettii B.P.M. Hyland in *Austral. Syst. Bot.*, 2(2-3): 256 (1989)—Australia (Queensland).
boerlagei A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 464 (1988), nom. nov.: L. ambigua (Bl.) Boerlage.
caulostachys A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 464 (1988), nom. nov.: L. cauliflora (Meissn.) Trimen.
citronella A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 465 (1988)—Vietnam, Hainan.
connorsii B.P.M. Hyland in *Austral. Syst. Bot.*, 2(2-3): 259 (1989)—Australia (Queensland).

- coreana**
var. wolongensis N. Chao & G.T. Gong in *Bull. Forest Pl. Res.*, 4: 12 (1988)—China.
- cubeba**
f. glabrata (Diels) N. Chao & J.S. Liu in *Bull. Forest Pl. Res.*, 4: 12 (1988); L. mollis var. glabrata.
- elongata**
var. acutivena (Hayata) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 1: 285 (1985); L. acutivena.
var. mushaensis (Hay.) J.C. Liao, *Taxon. Revis. Fam. Lauraceae in Taiwan*: 92 (1988); L. mushaensis.
f. postglabra J.C. Liao, *Taxon. Revis. Fam. Lauraceae in Taiwan*: 94 (1988)—Taiwan.
var. suberosa (Yang & Huang) N. Chao & J.S. Liu in *Bull. Forest Pl. Res.*, 4: 13 (1988); L. suberosa.
elongatoides A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 466 (1988), nom. nov., homotypic with L. pseudolongifolia Kostermans; L. pseudo-elongata Kostermans.
fawcettiana (F. Muell.) B.P.M. Hyland in *Austral. Syst. Bot.*, 2(2-3): 260 (1989); *Cylicodaphne fawcettiana*.
fluminensis A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 466 (1988), nom. nov.: L. acuminata (Tesch.) Kostermans.
foveola A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 466 (1988), nom. nov.: L. foveolata Yang & P.H. Huang.
glutinosa
var. brachyphylla (Hand.-Mazz.) L.C. Wang in *Acta Bot. Bor.-Occid. Sin.*, 6(1): 64 (1986); L. sebifera var. brachyphylla.
granitica B.P.M. Hyland in *Austral. Syst. Bot.*, 2(2-3): 262 (1989)—Australia (Queensland).
involuta (Roxb.) Hereman, *Paxt. Bot. Dict.*: 612 (1868); cf. D.J. Maberley in *Taxon*, 32(1): 87 (1983); Basionym not stated.
lakshammamiana K.R. Keshava Murthy & S.N. Yoganarasimhan in *Current Sci.*, 56(8): 371 (1987)—India.

LITSEA :-

- morrisonensis**
var. lii (Chang) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 1: 280 (1985); L. lii.
- pedunculata**
var. obscurovenulosa N. Chao & G.T. Gong in *Bull. Forest Pl. Res.*, 4: 13 (1988), as 'obscurovenulosa'—China.
pseudolongifolia A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 467 (1988), nom. nov., homotypic with L. elongatoides Kostermans; L. pseudo-elongata Kostermans.
quinqueflora (Dennst.) C.R. Suresh in D.H. Nicolson, C.R. Suresh & K.S. Manilal, *Interpret. Van Rheedee's Hort. Malab.*: 158 (1988); *Darwinia quinqueflora*.
rotundata (Bl.) A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 468 (1988); *Tetranthera resinosa* var. rotundata.
rubescens
var. gulinensis N. Chao & J.S. Liu in *Bull. Forest Pl. Res.*, 4: 14 (1988)—China.
vartakii M.R. Almeida in *J. Bombay Nat. Hist. Soc.*, 86(2): 180 (1989), nom. nov.: L. stocksii Hook. f.

LITTAEAE (Agavac.).

- juncea* E. Morr., *Belg. Hort.*, 16: 343 (1866); cf. D.J. Maberley in *Taxon*, 34(3): 456 (1985)—Locality not stated.

LLERASIA (Compos.).

- pascoensis* A. Sagástegui-Alva & M.O. Dillon in *Brittonia*, 40(4): 363 (1988)—Peru.
sanmartinensis A. Sagástegui-Alva & M.O. Dillon in *Brittonia*, 40(4): 365 (1988)—Peru.

LLOYDIA (Liliac.).

- yanyuanensis* S.Y. Liang in *Acta Bot. Yunnanica*, 8(2): 227 (1986)—China.

LOBADIUM (Anacardiace.).

- aromaticum* (Ait.) Sweet, *Hort. Brit.*: 98 (1826); cf. D.J. Maberley in *Taxon*, 30(1): 16 (1981); *Rhus aromatica*.

LOBANILIA A. Radcliffe-Smith in *Kew Bull.*, 44(2):

- 334 (1989). **EUPHORBIACEAE**.
asterothrix A. Radcliffe-Smith in *Kew Bull.*, 44(2): 335 (1989)—Madagascar.
bakeriana (Baill.) A. Radcliffe-Smith in *Kew Bull.*, 44(2): 335 (1989); *Claoxylon bakerianum*.
claoxyloides A. Radcliffe-Smith in *Kew Bull.*, 44(2): 337 (1989)—Madagascar.
crotonoides A. Radcliffe-Smith in *Kew Bull.*, 44(2): 337 (1989)—Madagascar.
hirtella (Baill.) A. Radcliffe-Smith in *Kew Bull.*, 44(2): 338 (1989); *Claoxylon hirtellum*.
luteobrunnea (Bak.) A. Radcliffe-Smith in *Kew Bull.*, 44(2): 338 (1989); *Croton luteo-brunneus*.
ovalis (Baill.) A. Radcliffe-Smith in *Kew Bull.*, 44(2): 338 (1989); *Claoxylon ovale*.

LOBELIA (Campanulac.).

- aurita* (Brandege) T.J. Ayers in *Syst. Bot.*, 15(2): 324 (1990); *Heterotoma aurita*.
blanda (G. Don f.) Endl., *Cat. Horti Vindob.*, 1: 437 (1842); cf. D.J. Maberley in *Taxon*, 33(3): 435 (1984); Basionym not stated.
dunbarii
subsp. paniculata (Rock) T.G. Lammers in *Syst. Bot.*, 13(4): 506 (1988); L. hillebrandii var. paniculata.
endlichii (F. Wimmer) T.J. Ayers in *Syst. Bot.*, 15(2): 319 (1990); *Heterotoma endlichii*.
flexuosa
var. intermedia (Hemsley) T.J. Ayers in *Syst. Bot.*, 15(2): 321 (1990); *Heterotoma intermedia*.
gaudichaudii
var. albiflora H. St. John & A.C. Medeiros in *Phytologia*, 63(5): 366 (1987)—Hawaiian Is.
subsp. koolauensis (Hosaka & Fosb.) T.G. Lammers in *Syst. Bot.*, 13(4): 506 (1988); L. gaudichaudii var. koolauensis.
goldmannii (Fern.) T.J. Ayers in *Syst. Bot.*, 15(2): 322 (1990); *Heterotoma goldmannii*.
gypsophila T.J. Ayers in *Sida*, 13(2): 144 (1988), nom. nov.: *Heterotoma pringlei* B.L. Robinson.

LOBELIA :-

- hotteana W.S. Judd & J.D. Skee in *Bull. Florida State Mus., Biol. Sci.*, 32(1): 139 (1987)—Hispaniola (Haiti).
knoblochii T.J. Ayers in *Brittonia*, 39(4): 420 (1987)—Mexico.
macrocentron (Benth.) T.J. Ayers in *Brittonia*, 39(4): 418 (1987); *Heterotoma macrocentron*.
macvaughii T.J. Ayers in *Brittonia*, 39(4): 421 (1987), as 'mcvaughii'—Mexico.
monostachya (Rock) T.G. Lammers in *Syst. Bot.*, 13(4): 506 (1988); L. hillebrandii var. monostachya.
tortuosa
var. haupuensis H. St. John in *Phytologia*, 62(5): 435 (1987)—Hawaiian Is.
villaregalis T.J. Ayers in *Brittonia*, 39(4): 419 (1987)—Mexico.
volcanica T.J. Ayers in *Syst. Bot.*, 15(2): 317 (1990), nom. nov.: *Heterotoma tenella Turcz.*

LOBIVIA (Cactac.).

- haematantha
f. sublimiflora (Backb. ex Wessn.) Ullmann in *Kaktusy (Brno)*, 26(1): 19 (1990); L. sublimiflora.
hettrichiana
f. binghamiana (Backb.) Ullmann in *Kaktusy (Brno)*, 26(1): 19 (1990); L. binghamiana.
f. incaica (Backb.) Ullmann in *Kaktusy (Brno)*, 26(1): 19 (1990); L. incaica.
f. minuta (Ritt.) Ullmann in *Kaktusy (Brno)*, 26(1): 19 (1990); L. minuta.
jajoana
var. vatterii (Kraenz) Ullmann in *Kaktusy (Brno)*, 26(1): 19 (1990); L. vatterii.
lateritia
var. cintiensis (Cárd.) Ullmann in *Kaktusy (Brno)*, 26(1): 19 (1990); L. cintiensis.
pentlandii
f. bruneorosea (Backb.) Ullmann in *Kaktusy (Brno)*, 26(1): 19 (1990); L. bruneo-rosea.
f. schneideriana (Backb.) Ullmann in *Kaktusy (Brno)*, 26(1): 19 (1990); L. schneideriana.
shaferei
var. albiflora (Rausch) E. Herzog in *Kakt./Sukk.*, 19(1-2): 9 (1985); cf. *Repert. Pl. Succ. (I.O.S.)*, 36: 8 (1985 publ. 1986); L. aurea var. albiflora.
subsp. aurea (B. & R.) E. Herzog in *Kakt./Sukk.*, 19(1-2): 6 (1985); cf. *Repert. Pl. Succ. (I.O.S.)*, 36: 8 (1985 publ. 1986); *Echinopsis aurea*.
f. cylindracea (Backeb.) E. Herzog in *Kakt./Sukk.*, 19(1-2): 3 (1985); cf. *Repert. Pl. Succ. (I.O.S.)*, 36: 7 (1985 publ. 1986); L. cylindracea.
subsp. fallax (Oehme) E. Herzog in *Kakt./Sukk.*, 19(1-2): 14 (1985); cf. *Repert. Pl. Succ. (I.O.S.)*, 36: 8 (1985 publ. 1986); L. fallax.
var. flaviflora (Spegazzini) E. Herzog in *Kakt./Sukk.*, 19(1-2): 3 (1985), nom. inval. (art. 33.2); cf. *Repert. Pl. Succ. (I.O.S.)*, 36: 8 (1985 publ. 1986); *Cereus huascha* var. flaviflora.
subsp. leucomalla (Wessner) E. Herzog in *Kakt./Sukk.*, 19(1-2): 10 (1985); cf. *Repert. Pl. Succ. (I.O.S.)*, 36: 8 (1985 publ. 1986); L. leucomalla.
f. luteiflora (Backeb.) E. Herzog in *Kakt./Sukk.*, 19(1-2): 7 (1985), basionym not validly publ.; cf. *Repert. Pl. Succ. (I.O.S.)*, 36: 7 (1985 publ. 1986); *Pseudolobivia luteiflora*.
var. quinesensis (Rausch) E. Herzog in *Kakt./Sukk.*, 19(1-2): 11 (1985); cf. *Repert. Pl. Succ. (I.O.S.)*, 36: 8 (1985 publ. 1986); *Echinopsis aurea* var. quinesensis.
subsp. rubriflora E. Herzog in *Kakt./Sukk.*, 19(1-2): 13 (1985), nom. inval. (art. 33.2); cf. *Repert. Pl. Succ. (I.O.S.)*, 36: 8 (1985 publ. 1986)—Locality not stated.

LOBULARIA (Crucif.).

- canariensis (DC.) L. Borgen in *Op. Bot.*, 91: 66 (1987); *Alyssum maritimum* var. canariense.
subsp. fruticosa (Webb) L. Borgen in *Op. Bot.*, 91: 70 (1987); *Koniga fruticosa*.
subsp. intermedia (Webb) L. Borgen in *Op. Bot.*, 91: 73 (1987); L. intermedia.
subsp. marginata (Webb) L. Borgen in *Op. Bot.*, 91: 75 (1987); *Koniga marginata*.
subsp. microsperma L. Borgen in *Op. Bot.*, 91: 77 (1987)—Canary Is.

LOBULARIA :-

- subsp. palmensis (Christ) L. Borgen in *Op. Bot.*, 91: 77 (1987); L. palmensis.
subsp. rosula-venti (Svent.) L. Borgen in *Op. Bot.*, 91: 80 (1987); L. maritima var. rosula-venti.
subsp. spatulata (J.A. Schmidt) L. Borgen in *Op. Bot.*, 91: 80 (1987); *Koniga spatulata*.
subsp. succulenta L. Borgen in *Op. Bot.*, 91: 82 (1987)—Salvage Is.

LOCKHARTIA (Orchidac.).

- bennettii C.H. Dodson in *l. Pl. Trop.*, Ser. 2, 1: t. 88 (1989)—Peru.

×**LOCKCHILETTIA** hort. in *Orchid Rev.*, 97(1145): centre page pull-out p. 9 (1989). *ORCHIDACEAE*. (Comparettia × Leochilus × Lockhartia).

×**LOCKGOGCHILUS** hort. in *Orchid Rev.*, 98(1162): centre page pull-out p. 9 (1990). *ORCHIDACEAE*. (Gomesa × Leochilus × Lockhartia).

×**LOCKOSTALIX** hort. in *Orchid Rev.*, 95(1127): centre page pull-out p. 9 (1987). *ORCHIDACEAE*. (Lockhartia × Sigmatostalix).

LOESELIA (Polemoniaceae).

- rzedowskii R. McVaugh in *Acta Bot. Mex.*, 11: 11 (1990)—Mexico.

LOESELIASTRUM (Brand) S. Timbrook in *Madroño*, 33(3): 170 (1986); *Langloisia* sect. *Loeseliastrum* (Polemoniaceae).

- matthewsii (A. Gray) S. Timbrook in *Madroño*, 33(3): 171 (1986); *Loeselia matthewsii*.
schottii (Torr.) S. Timbrook in *Madroño*, 33(3): 172 (1986); *Navarretia schottii*.

LOESENERIELLA (Celastrac.).

- africana
var. obtusifolia (Roxburgh) N. Hallé in *Fl. Gabon*, 29: 255 (1986); *Hippocratea obtusifolia*.
var. togoensis (Loesener) N. Hallé in *Fl. Gabon*, 29: 255 (1986); *Hippocratea cymosa* var. togoensis.
andamanica (King) H.B. Naithani & S. Biswas in H.B. Naithani, *Flow. Pl. India, Nepal & Bhutan*: 95 (1990); *Hippocratea andamanica*.
apocynoides
var. guineensis (Hutchinson & Moss) N. Hallé in *Fl. Gabon*, 29: 248 (1986); *Hippocratea guineensis*.
camerunica (Loesener) N. Hallé in *Fl. Gabon*, 29: 242 (1986); *Hippocratea camerunica*.
crenata (Klotzsch) Wilczek ex N. Hallé in *Fl. Gabon*, 29: 238 (1986); *Gymnema crenatum*.
var. loandensis (Exell) N. Hallé in *Fl. Gabon*, 29: 239 (1986); *Hippocratea loandensis*.
var. rubiginosa (Perrin) N. Hallé in *Fl. Gabon*, 29: 240 (1986); *Hippocratea rubiginosa*.
iotricha
var. robida N. Hallé in *Fl. Gabon*, 29: 252 (1986)—Gabon.
nicobarica (Kurz) H.B. Naithani & S. Biswas in H.B. Naithani, *Flow. Pl. India, Nepal & Bhutan*: 95 (1990); *Hippocratea nicobarica*.

LOHERIA (Myrsinac.).

- papuana Mez ex H. Sleumer in *Blumea*, 33(1): 101 (1988)—New Guinea (W. Irian, Papua New Guinea).
reiniana (Jacobs) H. Sleumer in *Blumea*, 33(1): 101 (1988); *Tapeinosperma reinianum*.

LOLIUM (Gramin.).

- gracile (Dumort.) B.D. Jackson in *Index Kewensis*, 2: 109 (1753-1885 publ. 1894); L. temulentum * (subsp.) gracile.
rigidum
subsp. negevense N. Feinbrun-Dothan, *Fl. Palaestina*, 4: 397, 232 (1986)—Israel, Sinai Peninsula.

LOMANDRA (Xanthorrhoeac.).

- sect. Capitatae (G. Don) A.T. Lee in *Fl. Australia*, 46: 223 (1986); *Xerotes* sect. *Capitatae*.
ser. Sparsiflorae (Benth.) A.T. Lee in *Fl. Australia*, 46: 223 (1986); *Xerotes* ser. *Sparsiflorae*.

LOMANDRA :-

- micrantha
subsp. teretifolia J. Everett in *Fl. Australia*, 46: 222, 131 (1986)—Australia (W. Australia, Victoria).
subsp. tuberculata J. Everett in *Fl. Australia*, 46: 222, 131 (1986)—Australia (S. Australia, New South Wales, Victoria).
multiflora
subsp. dura (F. Muell.) T.D. Macfarlane in *Fl. Australia*, 46: 224 (1986); *Xerotes dura*.
nana (A. Lee) A.T. Lee in *Fl. Australia*, 46: 223 (1986); L. glauca subsp. nana.
teres T.D. Macfarlane in *Fl. Australia*, 46: 224, 106 (1986)—Australia (Queensland).

LOMATIUM (Umbellif.).

- cookii J.S. Kagan in *Madroño*, 33(1): 71 (1986)—U.S.A. (Oregon).
graveolens (Wats.) R.D. Dorn & R.L. Hartman in *Madroño*, 35(1): 71 (1988); *Peucedanum graveolens*.
var. alpinum (Wats.) R.D. Dorn & R.L. Hartman in *Madroño*, 35(1): 71 (1988); *Peucedanum graveolens* var. alpinum.
kingii (Wats.) A. Cronquist in *Great Basin Nat.*, 46(2): 254 (1986); *Peucedanum kingii*.
var. alpinum (Wats.) A. Cronquist in *Great Basin Nat.*, 46(2): 255 (1986); *Peucedanum graveolens* var. alpinum.
scabrum
var. tripinnatum S. Goodrich in *Great Basin Nat.*, 46(1): 99 (1986)—U.S.A. (Utah, Arizona).
shevockii R.L. Hartman & L. Constance in *Madroño*, 35(2): 121 (1988)—U.S.A. (California).

LOMATOCARPA (Umbellif.).

- sect. *Alposelinum* (M. Pimen.) M.G. Pimenov & T.V. Lavrova in *Bot. Zhurn.*, 72(1): 35 (1987); gen. *Alposelinum*.
albomarginata (Schrenk) M.G. Pimenov & T.V. Lavrova in *Bot. Zhurn.*, 72(1): 35 (1987); *Neogaya simplex* β. *albomarginata*.

LOMATOGONIUM (Gentianac.).

- sect. *Pleurogynella* (Ikonn.) Sumita Garg née Agrawal, *Gentianac. N.W. Himalayas (Internat. Biosci. Monog.* 17): 159 (1987); gen. *Pleurogynella*.
perenne T.N. He & S.W. Liu ex J.X. Yang in *Fl. Tsinlingensis*, 1(4): 396, 122 (1983)—China.

LOMATOPODIUM (Umbellif.).

- staurophyllum (Rech. f.) K.H. Rechinger in *Fl. Iran.*, 162: 349 (1987); *Seseli staurophyllum*.

LOMELOSIA (Dipsacac.).

- alpestris (Kar. & Kir.) J. Soják in *Sborn. Nár. Muz. Prazě*, B, 43(1): 57 (1987); *Scabiosa alpestris*.
australtaica (Bobrov) J. Soják in *Sborn. Nár. Muz. Prazě*, B, 43(1): 57 (1987); *Scabiosa austro-altaica*.
brachycarpa (Boiss. & Hohen.) J. Soják in *Sborn. Nár. Muz. Prazě*, B, 43(1): 57 (1987); *Scabiosa brachycarpa*.
candollii (Wall. ex DC.) J. Soják in *Sborn. Nár. Muz. Prazě*, B, 43(1): 57 (1987); *Scabiosa candollii*.
flavida (Boiss. & Hausskn.) J. Soják in *Sborn. Nár. Muz. Prazě*, B, 43(1): 58 (1987); *Scabiosa flavida*.
graminifolia
subsp. arizagae (Uribe & Alexandre) A.M. Romo in *Willdenowia*, 15(2): 421 (1986); *Scabiosa graminifolia* subsp. arizagae.
gumbetica (Boiss.) J. Soják in *Sborn. Nár. Muz. Prazě*, B, 43(1): 58 (1987); *Scabiosa gumbetica*.
isetensis (L.) J. Soják in *Sborn. Nár. Muz. Prazě*, B, 43(1): 58 (1987); *Scabiosa isetensis*.
leucactis (Patzak) J. Soják in *Sborn. Nár. Muz. Prazě*, B, 43(1): 58 (1987); *Scabiosa leucactis*.
macrochaete (Boiss. & Hausskn.) J. Soják in *Sborn. Nár. Muz. Prazě*, B, 43(1): 58 (1987); *Scabiosa macrochaete*.
olgae (Alboff) J. Soják in *Sborn. Nár. Muz. Prazě*, B, 43(1): 58 (1987); *Scabiosa olgae*.
rhodantha (Kar. & Kir.) J. Soják in *Sborn. Nár. Muz. Prazě*, B, 43(1): 58 (1987); *Scabiosa rhodantha*.
songarica (Schrenk ex Fischer & Meyer) J. Soják in *Sborn. Nár. Muz. Prazě*, B, 43(1): 58 (1987); *Scabiosa songarica*.
speciosa (Royle) J. Soják in *Sborn. Nár. Muz. Prazě*, B, 43(1): 58 (1987); *Scabiosa speciosa*.

LOMELOSIA :-

- ucranica (L.) J. Soják in *Sborn. Nár. Muz. Prazě, B*, 43(1): 58 (1987): Scabiosa ucranica.
 ulugbekii (Zak. ex Bobrov) J. Soják in *Sborn. Nár. Muz. Prazě, B*, 43(1): 58 (1987): Scabiosa ulugbekii.

LONGHOCARPUS (Legumin.).

- acuminatus (Schldl.) M. Sousa S. in *Ann. Missouri Bot. Gard.*, 73(4): 724 (1986 publ. 1987): Robinia acuminata.
 balsensis M. Sousa S. & J.C. Soto N. in *An. Inst. Biol. Univ. Nac. Autón. Méx., Bot.*, 58: 70 (1987 publ. 1989)—Mexico.
 bicolor M. Sousa S. in *Ann. Missouri Bot. Gard.*, 77(3): 575 (1990)—Nicaragua.
 epigaeus M. Sousa S. in *An. Inst. Biol. Univ. Nac. Autón. Méx., Bot.*, 58: 73 (1987 publ. 1989)—Mexico.
 ferrugineus M. Sousa S. in *Ann. Missouri Bot. Gard.*, 73(4): 725 (1986 publ. 1987)—Costa Rica, Nicaragua, Panama.
 huetamoensis M. Sousa S. & J.C. Soto N. in *An. Inst. Biol. Univ. Nac. Autón. Méx., Bot.*, 58: 75 (1987 publ. 1989)—Mexico.
 subsp. xochipalensis M. Sousa S. & J.C. Soto N. in *An. Inst. Biol. Univ. Nac. Autón. Méx., Bot.*, 58: 78 (1987 publ. 1989)—Mexico.
 longipedunculatus M. Sousa S. & J.C. Soto N. in *An. Inst. Biol. Univ. Nac. Autón. Méx., Bot.*, 58: 79 (1987 publ. 1989)—Mexico.
 magallanesii M. Sousa S. in *R. McVaugh, Fl. Novo-Galiciana*, 5: 565 (1987)—Mexico.
 minor M. Sousa S. in *R. McVaugh, Fl. Novo-Galiciana*, 5: 567 (1987)—Mexico.
 monticolus M. Sousa S. in *Ann. Missouri Bot. Gard.*, 73(4): 726 (1986 publ. 1987)—Nicaragua.
 morenoi M. Sousa S. in *Ann. Missouri Bot. Gard.*, 73(4): 726 (1986 publ. 1987)—Nicaragua.
 mutans M. Sousa S. in *R. McVaugh, Fl. Novo-Galiciana*, 5: 569 (1987)—Mexico.
 pilosus M. Sousa S. in *Ann. Missouri Bot. Gard.*, 73(4): 728 (1986 publ. 1987)—Nicaragua.
 pittieri M. Sousa S. in *R. McVaugh, Fl. Novo-Galiciana*, 5: 571 (1987)—Mexico.
 rugosus
 subsp. apricus (Lundell) M. Sousa S. in *R. McVaugh, Fl. Novo-Galiciana*, 5: 573 (1987): L. apricus.
 schubertiae M. Sousa S. in *An. Inst. Biol. Univ. Nac. Autón. Méx., Bot.*, 58: 82 (1987 publ. 1989)—Mexico.
 sericeus
 subsp. palmeri (Rose) M. Sousa S. in *R. McVaugh, Fl. Novo-Galiciana*, 5: 576 (1987): L. palmeri.
 torrensii N.F. Mattos in *Loefgrenia*, 92: 2 (1988)—Brazil.
 verrucosus M. Sousa S. in *Ann. Missouri Bot. Gard.*, 73(4): 730 (1986 publ. 1987)—Mexico, Guatemala, Nicaragua.

LONGOMELOS (Hyacinthac.).

- purpureus C.S. Rafinesque, *Fl. Tellur.*, 3: 62 (1837)—Sicily.
 pyrenaicus (L.) Hrouda ex J. Holub in *Folia Geobot. Phytotax.*, 23(4): 413 (1988): Ornithogalum pyrenaicum.
 subsp. sphaerocarpus (A. Kern.) J. Holub in *Folia Geobot. Phytotax.*, 23(4): 413 (1988): Ornithogalum sphaerocarpum.

LONGICERA (Caprifoliac.).

- subsect. Uniflorae V.A. Nedoluzhko in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 2: 284 (1987).
 affinis
 var. pseudohypoglauca S. Hatusima in *J. Phytogeogr. Taxon.*, 35(2): 63 (1987)—Japan.
 alpigena
 var. watanabeana (Makino) H. Ohashi in *J. Jap. Bot.*, 63(1): 7 (1988): L. watanabeana.
 caerulea
 subsp. altaica (Pall.) V.N. Gladkova in *Arktich. Fl. SSSR*, 10: 26 (1987): L. altaica.
 subsp. kamtschatica (Sevast.) V.N. Gladkova in *Arktich. Fl. SSSR*, 10: 28 (1987): L. caerulea var. kamtschatica.

LONGICERA :-

- subsp. stanantha (Pojark.) Hultén ex A.K. Skvortsov in *Symb. Bot. Upsal.*, 27(2): 100 (1986 publ. 1987): L. stanantha.
 caucasica
 subsp. govianiana (Wall. ex DC.) H. Hara in *Enum. Fl. Pl. Nepal*, 2: 195 (1979): L. govianiana.
 chrysantha
 f. crassipes (Nakai) S.L. Tung in *Y.L. Chou, Ligneus Fl. Heilongjiang*: 524 (1986): L. chrysantha var. crassipes.
 confusa
 var. glabrocalyx R.H. Miao & X.J. Liu in *Acta Sci. Nat. Univ. Sunyatseni*, 28(4): 78 (1989)—China.
 fengkaiensis R.H. Miao & X.J. Liu in *Acta Sci. Nat. Univ. Sunyatseni*, 28(4): 79 (1989)—China.
 glabrata
 var. hirticaulis C.Y. Wu & Y.F. Huang in *Fl. Xizangica*, 4: 505 (1985)—Xizang.
 japonica C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 216 (1784)—Japan.†
 f. quercifolia A.I.D. Correia in *Bol. Soc. Brot.*, 60: 154 (1987)—Portugal, Azores.
 lanceolata
 subsp. nervosa (Maxim.) Y.C. Tang in *Acta Bot. Yunnanica*, 10(3): 352 (1988): L. nervosa.
 periclymenum
 f. sublobata A.I.D. Correia in *Bol. Soc. Brot.*, 60: 154 (1987)—Portugal.
 pyrenaica
 var. majoricensis (Gand.) J.J. Pericás & J.A. Rosselló in *Candollea*, 42(1): 397 (1987): L. majoricensis.
 rupicola
 subsp. syringantha (Maxim.) Y.C. Tang in *Acta Bot. Yunnanica*, 10(3): 352 (1988): L. syringantha.
 subsp. thibetica (Bur. & Franch.) Y.C. Tang in *Acta Bot. Yunnanica*, 10(3): 351 (1988): L. thibetica.
 tomentella
 var. conaensis Hsu & Y.F. Huang in *Fl. Xizangica*, 4: 495 (1985)—Xizang.
 trichosantha
 var. xerocalyx (Diels) Y.C. Tang in *Acta Bot. Yunnanica*, 10(3): 351 (1988): L. xerocalyx.
 webbiana
 var. lanpingensis Y.C. Tang in *Acta Bot. Yunnanica*, 10(3): 352 (1988)—China.

LOPHANTHERA A.H.L. de Jussieu, Malpigh. Syn.: 53 (May 1840), preprint from *Ann. Sci. Nat.*, Bot., ser. 2, 13 (August 1840). MALPIGHIACEAE. †**LOPHANTHUS** (Labiata.).

- ouroumitanensis (Franch.) T.F. Kochkareva & Zucker. in *Fl. Tadzhikskoi SSR*, 8: 99 (1986): Nepeta ouroumitanensis.
 varzobicus T.F. Kochkareva in *Fl. Tadzhikskoi SSR*, 8: 482, 100 (1986)—U.S.S.R. (Middle Asia).
 virescens (Lipsky) T.F. Kochkareva in *Fl. Tadzhikskoi SSR*, 8: 102 (1986): L. subnivalis a. virescens.

LOPHOCHLAENA (Gramin.).

- oregona (Chase) P.P.H. But in *Madroño*, 33(2): 146 (1986): Pleuropogon oregonus.

LOPHOPTERYS (Malpighiac.).

- inpana W.R. Anderson in *Contrib. Univ. Mich. Herb.*, 17: 46 (1990)—Brazil, Venezuela, Bolivia.

LOPHOSPERMUM D. Don ex R. Taylor, *Phil. Mag.*, 67: 222 (31 Mar. 1826); cf. D.J. Mabberley in *Taxon*, 30(1): 16 (1981). SCROPHULARIACEAE.

- sect. Rhodochiton (Zuccarini ex Otto & A. Dietrich) W.J. Elisens, *Monogr. Maurandyinae (Scrophulariac.-Antirrhin.) (Syst. Bot. Monog., 5): 78 (1985): gen. Rhodochiton.*
 breedlovei W.J. Elisens, *Monogr. Maurandyinae (Scrophulariac.-Antirrhin.) (Syst. Bot. Monog., 5): 77 (1985)—Mexico.*
 chiapense W.J. Elisens, *Monogr. Maurandyinae (Scrophulariac.-Antirrhin.) (Syst. Bot. Monog., 5): 73 (1985)—Mexico.*
 hintonii W.J. Elisens, *Monogr. Maurandyinae (Scrophulariac.-Antirrhin.) (Syst. Bot. Monog., 5): 81 (1985)—Mexico.*
 nubicola W.J. Elisens, *Monogr. Maurandyinae (Scrophulariac.-Antirrhin.) (Syst. Bot. Monog., 5): 83 (1985)—Mexico, Guatemala.*

LOPHOSPERMUM :-

- purpurascens W.J. Elisens, *Monogr. Maurandyinae (Scrophulariac.-Antirrhin.) (Syst. Bot. Monog., 5): 78 (1985)—Mexico.*
 turneri W.J. Elisens, *Monogr. Maurandyinae (Scrophulariac.-Antirrhin.) (Syst. Bot. Monog., 5): 71 (1985)—Mexico, Guatemala.*

LOREYA (Melastomatac.).

- gracilis S.S. Renner in *Mem. New York Bot. Gard.*, 50: 45 (1989)—Bolivia.
 klugii S.S. Renner in *Mem. New York Bot. Gard.*, 50: 52 (1989)—Colombia, Peru, Bolivia.
 riparia S.S. Renner in *Mem. New York Bot. Gard.*, 50: 46 (1989)—Brazil.
 subtrotundifolia (Wurdack) S.S. Renner in *Mem. New York Bot. Gard.*, 50: 46 (1989): Bellucia subtrotundifolia.
 wurdackiana S.S. Renner in *Mem. New York Bot. Gard.*, 50: 42 (1989)—Brazil.

LORICARIA (Compos.).

- oilgaardii M.O. Dillon & A. Sagástegui-Alva in *Phytologia*, 59(4): 228 (1986)—Ecuador.
 thyrsoidea (Cuatr.) M.O. Dillon & A. Sagástegui-Alva in *Phytologia*, 59(4): 230 (1986): L. thuyoides var. thyrsoidea.

LOTONONIS (Legumin.).

- acocksii B.E. van Wyk in *S. Afr. J. Bot.*, 55(2): 178 (1989)—South Africa (Cape Province).
 acuticarpa B.E. van Wyk in *Bothalia*, 20(1): 21 (1990)—South Africa (Transvaal).
 azureoides B.E. van Wyk in *Bothalia*, 19(1): 1 (1989)—South Africa (Cape Province).
 bracteosa B.E. van Wyk in *Bothalia*, 20(1): 73 (1990)—Namibia.
 brevicaulis B.E. van Wyk in *S. Afr. J. Bot.*, 53(2): 161 (1987)—South Africa (Cape Province).
 caeruleascens (E. Mey.) B.E. van Wyk in *S. Afr. J. Bot.*, 54(2): 178 (1988): Aspalathus caeruleascens.
 complanata B.E. van Wyk in *Bothalia*, 20(1): 77 (1990)—South Africa (Cape Province).
 comptonii B.E. van Wyk in *Bothalia*, 18(1): 31 (1988)—South Africa (Cape Province).
 dahlgrenii B.E. van Wyk in *Bothalia*, 18(1): 33 (1988)—South Africa (Cape Province).
 difformis B.E. van Wyk in *S. Afr. J. Bot.*, 55(5): 529 (1989)—South Africa (Transvaal).
 disstinosid B.E. van Wyk in *Bothalia*, 18(1): 33 (1988)—South Africa (Cape Province).
 esterhuyseniana B.E. van Wyk in *Bothalia*, 20(1): 70 (1990)—South Africa (Cape Province).
 filiformis B.E. van Wyk in *Bothalia*, 20(1): 75 (1990)—South Africa (Cape Province).
 fruticosoides B.E. van Wyk in *Bothalia*, 20(1): 9 (1990)—South Africa (Cape Province).
 globulosa B.E. van Wyk in *Bothalia*, 20(1): 2 (1990)—South Africa (Cape Province).
 gracilifolia B.E. van Wyk in *Bothalia*, 19(1): 3 (1989)—South Africa (Cape Province).
 lamprifolia B.E. van Wyk in *Bothalia*, 19(1): 4 (1989)—South Africa (Cape Province).
 laticeps B.E. van Wyk in *Bothalia*, 20(1): 3 (1990)—South Africa (Cape Province).
 linearifolia B.E. van Wyk in *Bothalia*, 20(1): 13 (1990)—South Africa (Cape Province), Namibia.
 longicephala B.E. van Wyk in *Bothalia*, 20(1): 5 (1990)—South Africa (Cape Province).
 minima B.E. van Wyk in *S. Afr. J. Bot.*, 54(6): 628 (1988)—South Africa (Cape Province).
 nutans B.E. van Wyk in *S. Afr. J. Bot.*, 55(2): 180 (1989)—South Africa (Cape Province).
 oligocephala B.E. van Wyk in *Bothalia*, 20(1): 1 (1990)—South Africa (Cape Province).
 pachycarpa Dinter ex B.E. van Wyk in *Bothalia*, 20(1): 11 (1990)—Namibia.
 purpureascens B.E. van Wyk in *S. Afr. J. Bot.*, 55(2): 180 (1989)—South Africa (Cape Province).
 racemiflora B.E. van Wyk in *Bothalia*, 19(1): 7 (1989)—South Africa (Cape Province).
 schreiberae B.E. van Wyk in *Bothalia*, 20(1): 13 (1990), as 'schreiberi'—Namibia.
 subulata B.E. van Wyk in *Bothalia*, 20(1): 79 (1990)—South Africa (Transvaal, Cape Province).
 venosa B.E. van Wyk in *Bothalia*, 20(1): 19 (1990)—South Africa (Cape Province).

LOTUS (Legumin.).

- alpicola (G. Beck) N.A. Minyav, Z.G. Ulle & Kritzk. in *Fl. Evropeiskoi Chasti SSSR*, 6: 110 (1987); L. corniculatus var. alpicola.
armeniacus Kit Tan & F. Sorger in *Pl. Syst. Evol.*, 154(1-2): 116 (1986)—Turkey.
benoistii (Maire) P. Lassen in *Willdenowia*, 16(1): 111 (1986); Benedictella benoistii.
canescens Sieb. ex Trev., *Ind. Sem. Wratislav. App.* III: 2 (1821); cf. D.J. Mabberley in *Taxon*, 32(1): 85 (1983)—Crete.
conjugatus
 subsp. requienii (Sang.) W. Greuter in *Willdenowia*, 16(1): 112 (1986); L. requienii.
diffusus Spreng., *Nachr. Bot. Gart. Univ. Halle*: 27 (1801); cf. D.J. Mabberley in *Taxon*, 31(1): 71 (1982)—Locality not stated.
digii A. Chrtková in *Pl. Syst. Evol.*, 155(1-4): 307 (1987)—Morocco, Algeria, Egypt.
eriosolen (Maire) U. Mader & D. Podlech in *Mitt. Bot. Staatssamm. München*, 28: 544 (1989); L. maroccanus var. eriosolen.
norvegicus (Chrtková-Zertová) N.A. Minyav in *Fl. Evropeiskoi Chasti SSSR*, 6: 110 (1987); L. corniculatus var. norvegicus.

LOUISEANIA (Rosac.).

- pedunculata (Pall.) G.V. Eremín & A.A. Yushev in *Byull. Vses. Ord. Lenina Inst. Rast. N.I. Vavilova*, 147: 31 (1985); Amygdalus pedunculata.

LOURTELLA S.A. Graham, P. Baas & H. Tobe in *Syst. Bot.*, 12(4): 519 (1987). **LYTHRACEAE**.

- resinosa S.A. Graham, P. Baas & H. Tobe in *Syst. Bot.*, 12(4): 520 (1987)—Peru.

LOZANIA (Lacistema).
(Lacistema).

- glabrata A.H. Gentry in *Ann. Missouri Bot. Gard.*, 75(4): 1431 (1988 publ. 1989)—Colombia.

LUCILIA (Compos.).

- sect. Intermediae S.E. Freire in *Cladistics, Int. J. Willi Hennig Soc.*, 3(3): 271 (1987).
ser. Lucilioides S.E. Freire in *Cladistics, Int. J. Willi Hennig Soc.*, 3(3): 272 (1987).
subsect. Lucilioides S.E. Freire in *Cladistics, Int. J. Willi Hennig Soc.*, 3(3): 272 (1987).
ser. Paralucilia S.E. Freire in *Darwiniana*, 27(1-4): 479 (1986).
subsect. Subspicata S.E. Freire in *Cladistics, Int. J. Willi Hennig Soc.*, 3(3): 271 (1987).
breweri (Steyerm.) V.M. Badillo in *Ernstia*, 50: 11 (1988); Chionolaena breweri.
burkartii (Cabr.) S.E. Freire in *Darwiniana*, 27(1-4): 465 (1986); Gnaphalium burkartii.
catamarcensis (Cabr.) S.E. Freire in *Darwiniana*, 27(1-4): 465 (1986); Belloa catamarcensis.
kunthiana (DC.) E. Zardini in *Ann. Missouri Bot. Gard.*, 74(2): 431 (1987); Conyza kunthiana.
lopezmirandae (Cabr.) S.E. Freire in *Darwiniana*, 27(1-4): 469 (1986); Belloa lopezmirandae.

LUCILIA (Compos.).

- lycopodioides (Less.) S.E. Freire in *Taxon*, 38(2): 298 (1989); Oligandra lycopodioides.
plicatifolia (Sagást. & Dillon) S.E. Freire in *Darwiniana*, 28(1-4): 411 (1987 publ. 1988); Belloa plicatifolia.
santanica (Cabr.) S.E. Freire in *Darwiniana*, 27(1-4): 473 (1986); Gnaphalium santanicum.
saxatilis V.M. Badillo in *Ernstia*, 50: 9 (1988)—Venezuela.

LUDISIA (Orchidac.).

- dawsoniana (Low. ex Reichenb. f.) L.V. Aver'yanov in *Bot. Zhurn.*, 73(3): 432 (1988); Anoectochilus dawsonianus.
otletae (Rolle) L.V. Aver'yanov in *Bot. Zhurn.*, 73(3): 432 (1988); Haemaria otletae.

LUDWIGIA (Onagrac.).

- sect. Cinerascetes T.P. Ramamoorthy & E.M. Zardini, *Syst. & Evol. Ludwigia sect. Myrtocarpus s.l. (Monogr. Syst. Bot. Missouri Bot. Gard.* 19): 101 (1987).
albiflora T.P. Ramamoorthy, *Syst. & Evol. Ludwigia sect. Myrtocarpus s.l. (Monogr. Syst. Bot. Missouri Bot. Gard.* 19): 55 (1987)—Brazil.

LUDWIGIA —

- dodecandra (DC.) E.M. Zardini & P.H. Raven in *Ann. Missouri Bot. Gard.*, 77(3): 596 (1990); Jussiaea dodecandra.
filiformis (Micheli) T.P. Ramamoorthy, *Syst. & Evol. Ludwigia sect. Myrtocarpus s.l. (Monogr. Syst. Bot. Missouri Bot. Gard.* 19): 86 (1987); Jussiaea filiformis.
glandulosa
 subsp. brachycarpa (Torrey & Gray) C.I. Peng in *Ann. Missouri Bot. Gard.*, 73(2): 490 (1986); L. cylindrica β. brachycarpa.
grandiflora (Michaux) W. Greuter & Burdet in *Willdenowia*, 16(2): 448 (1987); Jussiaea grandiflora.
hassleriana (Chodat) T.P. Ramamoorthy, *Syst. & Evol. Ludwigia sect. Myrtocarpus s.l. (Monogr. Syst. Bot. Missouri Bot. Gard.* 19): 60 (1987); Jussiaea hassleriana.
irwinii T.P. Ramamoorthy, *Syst. & Evol. Ludwigia sect. Myrtocarpus s.l. (Monogr. Syst. Bot. Missouri Bot. Gard.* 19): 66 (1987), nom. nov.; Jussiaea lanceolata Camb.
linifolia (Vahl) R.S. Rao, *Fl. Goa, Diu, Daman, Dadra & Nagarhaveli (Fl. India, Ser. 2)*, 1: 179 (1985); Jussiaea linifolia.
major (Micheli) T.P. Ramamoorthy, *Syst. & Evol. Ludwigia sect. Myrtocarpus s.l. (Monogr. Syst. Bot. Missouri Bot. Gard.* 19): 84 (1987); Jussiaea longifolia var. major.
martii (Micheli) T.P. Ramamoorthy, *Syst. & Evol. Ludwigia sect. Myrtocarpus s.l. (Monogr. Syst. Bot. Missouri Bot. Gard.* 19): 64 (1987); Jussiaea martii.
multinervia (Hook. & Arn.) T.P. Ramamoorthy, *Syst. & Evol. Ludwigia sect. Myrtocarpus s.l. (Monogr. Syst. Bot. Missouri Bot. Gard.* 19): 40 (1987); Jussiaea multinervia.
pseudonarcissus (Chodat & Hassler) T.P. Ramamoorthy, *Syst. & Evol. Ludwigia sect. Myrtocarpus s.l. (Monogr. Syst. Bot. Missouri Bot. Gard.* 19): 76 (1987); Jussiaea pseudo-narcissus.

LUETZELBURGIA (Legumin.).

- andrade-limae H.C. de Lima in *An. Soc. Bot. Brasil, XXXIV Congr. Nac. Bot.*, 2: 191 (1984)—Brazil.

LUISIA (Orchidac.).

- zollingeri
 var. latipetala (J.J.S.) D. Sulistiarini in *Reinwardtia*, 10(4): 398 (1988); L. latipetala.

- ×**LUISTYLIS** hort. in *Orchid Rev.*, 94(1110): centre page pull-out p. 8 (1986). **ORCHIDACEAE**. (Luisia × Rhynchostylis).

LUNDELLIANTHUS (Compos.).

- belizeanus (B. Turner) J.L. Strother in *Syst. Bot.*, 14(4): 547 (1989); Lasiantha belizeana.
breedlovei (B. Turner) J.L. Strother in *Syst. Bot.*, 14(4): 547 (1989); Lasiantha breedlovei.
guatemalensis (J.D. Smith) J.L. Strother in *Syst. Bot.*, 14(4): 544 (1989); Zexmenia guatemalensis.
harrimanii J.L. Strother in *Syst. Bot.*, 14(4): 545 (1989)—Nicaragua.
jaliscensis (McVaugh) J.L. Strother in *Syst. Bot.*, 14(4): 544 (1989); Otopappus jaliscensis.
kingii (H. Robinson) J.L. Strother in *Syst. Bot.*, 14(4): 545 (1989); Zexmenia kingii.
salvinii (Hemsley) J.L. Strother in *Syst. Bot.*, 14(4): 545 (1989); Zexmenia salvinii.
steyermarkii (S.F. Blake) J.L. Strother in *Syst. Bot.*, 14(4): 546 (1989); Oyedeia steyermarkii.

LUPINASTER (Legumin.).

- baicalensis (Belaeva & Sipl.) Yu.R. Roskov in *Bot. Zhurn.*, 75(5): 717 (1990); Trifolium baicalense.
gordejevii (Kom.) Yu.R. Roskov in *Bot. Zhurn.*, 75(5): 717 (1990); Medicago gordejevii.
litwinowii (Iljin) Yu.R. Roskov in *Bot. Zhurn.*, 75(5): 717 (1990); Trifolium litwinowii.
pentaphyllum
 var. albiflorus (Ser.) E.G. Bobrov in *Fl. Evropeiskoi Chasti SSSR*, 6: 209 (1987); Trifolium lupinaster var. albiflorum.
popovii Yu.R. Roskov in *Bot. Zhurn.*, 75(5): 717 (1990)—U.S.S.R. (Siberia).

LUPINUS (Legumin.).

- argenteus
 var. argentatus (Rydb.) R.C. Barneby in A. Cronquist et al., *Intermountain Fl., Vasc. Pl. Intermountain West, U.S.A.*, 3B: 246 (1989); L. decumbens var. argentatus.
 var. fulvomaculatus (Payson) R.C. Barneby in *Great Basin Nat.*, 46(2): 257 (1986); L. fulvomaculatus.
 var. heteranthus (S. Wats.) R.C. Barneby in A. Cronquist et al., *Intermountain Fl., Vasc. Pl. Intermountain West, U.S.A.*, 3B: 246 (1989); L. meionanthus var. heteranthus.
 var. hillii (Greene) R.C. Barneby in A. Cronquist et al., *Intermountain Fl., Vasc. Pl. Intermountain West, U.S.A.*, 3B: 246 (1989); L. hillii.
 var. holosericeus (Nutt. ex Torr. & Gray) R.C. Barneby in A. Cronquist et al., *Intermountain Fl., Vasc. Pl. Intermountain West, U.S.A.*, 3B: 245 (1989); L. holosericeus.
 var. meionanthus (A. Gray) R.C. Barneby in A. Cronquist et al., *Intermountain Fl., Vasc. Pl. Intermountain West, U.S.A.*, 3B: 246 (1989); L. meionanthus.
 var. moabensis S.L. Welsh in *Great Basin Nat.*, 46(2): 262 (1986)—U.S.A. (Utah).
 var. montigenus (A.A. Heller) R.C. Barneby in A. Cronquist et al., *Intermountain Fl., Vasc. Pl. Intermountain West, U.S.A.*, 3B: 246 (1989); L. montigenus. N
 var. palmeri (Wats.) R.C. Barneby in *Great Basin Nat.*, 46(2): 257 (1986); L. palmeri.
 var. utahensis (S. Wats.) R.C. Barneby in A. Cronquist et al., *Intermountain Fl., Vasc. Pl. Intermountain West, U.S.A.*, 3B: 246 (1989); L. holosericeus var. utahensis.
bracteolaris
 var. czermakii (Mich.) A. Burkart in *Fl. Illustr. Entre Ríos (Argent.)*, 3: 635 (1987); L. czermakii.
densiflorus
 subsp. lacteus (Kellogg) R.M. Beauchamp in *Phytologia*, 59(7): 439 (1986); L. lacteus.
excubitus
 subsp. austromontanus (Heller) R.M. Beauchamp in *Phytologia*, 59(7): 439 (1986); L. austromontanus.
 subsp. medius (Jepson) R.M. Beauchamp in *Phytologia*, 59(7): 439 (1986); L. albifrons var. medius.
lepidus
 var. sellulus (Kellogg) R.C. Barneby in A. Cronquist et al., *Intermountain Fl., Vasc. Pl. Intermountain West, U.S.A.*, 3B: 256 (1989); L. sellulus.
magnistipulatus A.M. Planchuelo & D.B. Dunn in *Ann. Missouri Bot. Gard.*, 76(1): 306 (1989)—Brazil.
microcarpus
 var. glareosus (Elmer) R. Riggins in *Taxon*, 39(2): 340 (1990); see also *Taxon*, 39(3): 520 (1990); L. glareosus.
polyphyllum
 var. ammophilus (Greene) R.C. Barneby in *Great Basin Nat.*, 46(2): 257 (1986); L. ammophilus.
 var. humicola (A. Nels.) R.C. Barneby in *Great Basin Nat.*, 46(2): 257 (1986); L. humicola.
 var. saxosus (Howell) R.C. Barneby in A. Cronquist et al., *Intermountain Fl., Vasc. Pl. Intermountain West, U.S.A.*, 3B: 240 (1989); L. saxosus.
setifolius A.M. Planchuelo & D.B. Dunn in *Ann. Missouri Bot. Gard.*, 76(1): 307 (1989)—Brazil.
tegeticulatus
 var. duranii (Eastw.) R.C. Barneby in A. Cronquist et al., *Intermountain Fl., Vasc. Pl. Intermountain West, U.S.A.*, 3B: 260 (1989); L. duranii.
tegeticulus
 var. grandiflorus (C.P. Smith) R.C. Barneby in A. Cronquist et al., *Intermountain Fl., Vasc. Pl. Intermountain West, U.S.A.*, 3B: 260 (1989); L. breweri var. grandiflorus.
westianus
 var. aridorum (McFarlin ex Beckner) D. Isely in *Brittonia*, 38(4): 356 (1986); L. aridorum.

LUVUNGA (Rutac.).

- minutiflora B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 221 (1985)—Borneo (Sabah).

LUZIOLA (Gramin.).

- fluitans
var. *oconorii* (Guzmán M.) G.C. Tucker in *J. Arnold Arbor.*, 69(3): 272 (1988): *Hydrochlora carolinensis* var. *oconorii*.

LUZULA (Juncac.).

- subsect. *Alpinae* (Chrték & Křisa) N.K. Kovtonyuk in *Bot. Zhurn.*, 72(10): 1399 (1987); L. sect. *Alpinae*.
subsect. *Confusae* N.K. Kovtonyuk in *Bot. Zhurn.*, 72(10): 1399 (1987).
subsect. *Nivales* N.K. Kovtonyuk in *Bot. Zhurn.*, 72(10): 1399 (1987).
subsect. *Parviflorae* N.K. Kovtonyuk in *Bot. Zhurn.*, 72(10): 1398 (1987).
subsect. *Pilosae* V.S. Novikov in *Novosti Sist. Vyssh. Rast.*, 26: 31 (1989).
subsect. *Tundricolae* N.K. Kovtonyuk in *Bot. Zhurn.*, 72(10): 1399 (1987).
abchastica V.S. Novikov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 94(1): 111 (1989)—U.S.S.R. (Caucasus).
changaica V.S. Novikov in *Novosti Sist. Vyssh. Rast.*, 26: 31 (1989)—Mongolia.
multiflora
var. *contracta* Samuelsson ex J.T. Kartesz & K.N. Gandhi in *Phytologia*, 69(3): 132 (1990), contrary to Art. 37.4 ICBN (1988)—Locality not stated.
pallidula J. Kirschner in *Taxon*, 39(1): 110 (1990)—Czechoslovakia.
spicata
subsp. *mongolica* V.S. Novikov in *Novosti Sist. Vyssh. Rast.*, 26: 34 (1989)—Mongolia.

LYALLIA (Hectorellac.).

- caespitosa* (J.D. Hooker) B.L. Nyananyo & V.H. Heywood in *Taxon*, 36(3): 641 (1987): *Hectorella caespitosa*.

LYCASTE (Orchidac.).

- colombiana* M. Ospina H. in *Mutisia*, 71: 10 (1988)—Colombia.

LYCHNIS (Caryophyllac.).

- alpina*
subsp. *americana* (Fern.) J. Feilberg in *Medd. Grønland, Biosci.*, 15: 12 (1984): *Viscaria alpina* var. *americana*.
var. *serpentinicola* (Rune) P. Kallio & Y. Mäkinen in *Ann. Univ. Turku, A, Biol. Geogr. Geol.*, 67: 63 (1982): *Viscaria alpina* var. *serpentinicola*.
apetala
var. *kingii* (Wats.) S.L. Welsh in *Great Basin Nat.*, 46(2): 255 (1986): L. *kingii*.
coronata C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 435 (1784)—Japan.†

LYCIANTHES (Solanac.).

- acapulcensis* (Baill.) W.G. D'Arcy in *Solanaceae Newsl.*, 2(4): 23 (1986), basionym page '133' in error for '338': *Parascopolia acapulcensis*.
neglecta (Dunal) A. Lourteig in *Phytologia*, 62(6): 442 (1987): *Solanum neglectum*.
speciosa (Dunal) A. Lourteig in *Phytologia*, 62(6): 442 (1987): *Solanum speciosum*.

LYCIUM (Solanac.).

- athium* L.M. Bernardello in *Bol. Acad. Nac. Cienc. (Cordoba)*, 57(3-4): 330 (1986)—Argentina.
chilense
var. *comberi* (C. Hitchc.) L.M. Bernardello in *Bol. Acad. Nac. Cienc. (Cordoba)*, 57(3-4): 313 (1986): L. *comberi*.
var. *filifolium* (Miers) L.M. Bernardello in *Bol. Acad. Nac. Cienc. (Cordoba)*, 57(3-4): 314 (1986): L. *filifolium*.
var. *vergarae* (Phil.) L.M. Bernardello in *Bol. Acad. Nac. Cienc. (Cordoba)*, 57(3-4): 320 (1986): L. *vergarae*.
× *ciliato-elongatum* L.M. Bernardello in *Bol. Acad. Nac. Cienc. (Cordoba)*, 57(3-4): 339 (1986), formula invalid acc. to ICBN(1983) Art. H.10.3—Argentina. (L. *ciliatum* × *elongatum*).
grandicalyx A.M. Joubert & H.J.T. Venter in *S. Afr. J. Bot.*, 55(5): 516 (1989)—Namibia.
japonicum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 228 (1784)—Japan.†

LYCORIS (Amaryllidac.).

- radiata*
f. *bicolor* N. Yonezawa in *J. Phytogeogr. Taxon.*, 37(2): 74 (1989)—Japan.
var. *kazukoana* N. Yonezawa in *J. Phytogeogr. Taxon.*, 37(2): 73 (1989)—Japan.

LYGODESMIA (Compos.).

- grandiflora*
var. *arizonica* (Tomb) S.L. Welsh in *Great Basin Nat.*, 43(2): 314 (1983): L. *arizonica*.
var. *dianthopsis* (D.C. Eaton) S.L. Welsh in *Great Basin Nat.*, 43(2): 314 (1983): L. *juncea* var. *dianthopsis*.

LYMANIA (Bromeliac.).

- azurea* E.M.C. Leme in *Bradea*, 4(50): 394 (1987)—Brazil.
globosa E.M.C. Leme in *Bradea*, 4(50): 395 (1987)—Brazil.

LYONIA (Ericac.).

- lippoldii* R. Berazain Iturralde & Bisse in *Rev. Jard. Bot. Nacion. Univ. Habana*, 8(2): 3 (1987)—Cuba.
ovalifolia
var. *tomentosa* (Fang) C.Y. Wu in *Fl. Xizangica*, 3: 689 (1986), without basionym ref.: *Pieris ovalifolia* var. *tomentosa*.
var. *tomentosa* (Fang) C.Y. Wu ex R.Z. Fang, T.L. Ming, T.Z. Hsu & S.H. Huang in *Fl. Yunnanica*, 4: 567 (1986): *Pieris ovalifolia* var. *tomentosa*.
truncata
var. *proctorii* W.S. Judd in *J. Arnold Arbor.*, 71(1): 129 (1990)—Puerto Rico.

LYSILOMA (Legumin.).

- latisiliquum*
subsp. *lataefoliolatum* A. Barreto Valdés & G.P. Yakovlev in *Acta Bot. Cubana*, 41: 6 (1987)—Cuba.

LYSIMACHIA (Primulac.).

- angusta* H. St. John in *Phytologia*, 64(1): 43 (1987)—Hawaiian Is.
arta H. St. John in *Phytologia*, 64(1): 43 (1987)—Hawaiian Is.
attenuata H. St. John in *Phytologia*, 64(1): 43 (1987)—Hawaiian Is.
baoxingensis (Chen & C.M. Hu) C.M. Hu in *Acta Bot. Austro Sinica*, 2: 200 (1986): L. *pterantha* var. *baoxingensis*.
breviflora C.M. Hu in *Acta Bot. Austro Sinica*, 2: 201 (1986)—China.
caliginis H. St. John in *Phytologia*, 64(1): 43 (1987)—Hawaiian Is.
ciliolata H. St. John in *Phytologia*, 64(1): 43 (1987)—Hawaiian Is.
elliptica H. St. John in *Phytologia*, 64(1): 44 (1987)—Hawaiian Is.
fauriei H. St. John in *Phytologia*, 64(1): 44 (1987)—Hawaiian Is.
fayi H. St. John in *Phytologia*, 64(1): 44 (1987)—Hawaiian Is.
funkiae H. St. John in *Phytologia*, 64(1): 44 (1987)—Hawaiian Is.
furcata H. St. John in *Phytologia*, 64(1): 44 (1987)—Hawaiian Is.
glauca H. St. John in *Phytologia*, 64(1): 44 (1987)—Hawaiian Is.
hanapepensis H. St. John in *Phytologia*, 64(1): 44 (1987)—Hawaiian Is.
harrisoniae H. St. John in *Phytologia*, 64(1): 45 (1987), as 'harrisonae'—Hawaiian Is.
haupeensis H. St. John in *Phytologia*, 64(1): 45 (1987)—Hawaiian Is.
helleri (R. Knuth) H. St. John in *Phytologia*, 64(1): 45 (1987): L. *hillebrandii* var. *helleri*.
japonica C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 196 (1784)—Japan.†
var. *formosana* (Honda) S.S. Ying, *Colour. Illustr. Pl. Taiwan, Pt. 4; Colour. Illustr. Herbac. Pl. Taiwan, Vol. 1*: 152 (1980): L. *formosana*.
jiangxiensis C.M. Hu in *Acta Bot. Austro Sinica*, 2: 200 (1986)—China.
kahiliensis H. St. John in *Phytologia*, 64(1): 45 (1987)—Hawaiian Is.
kalaupapaensis H. St. John in *Phytologia*, 64(1): 45 (1987)—Hawaiian Is.
- LYSIMACHIA** :—
kukuensis H. St. John in *Phytologia*, 64(1): 45 (1987)—Hawaiian Is.
lamiatilis H. St. John in *Phytologia*, 64(1): 46 (1987)—Hawaiian Is.
lata H. St. John in *Phytologia*, 64(1): 46 (1987)—Hawaiian Is.
longa H. St. John in *Phytologia*, 64(1): 46 (1987)—Hawaiian Is.
macdanielsii H. St. John in *Phytologia*, 64(1): 46 (1987)—Hawaiian Is.
mannii H. St. John in *Phytologia*, 64(1): 46 (1987)—Hawaiian Is.
mauritanica
var. *taiwaniana* S.S. Ying, *Colour. Illustr. Pl. Taiwan, Pt. 4; Colour. Illustr. Herbac. Pl. Taiwan, Vol. 1*: 155 (1980)—Taiwan.
maxima (R. Knuth) H. St. John in *Phytologia*, 64(1): 47 (1987): L. *hillebrandii* var. *maxima*.
molokaiensis H. St. John in *Phytologia*, 64(1): 47 (1987)—Hawaiian Is.
mucronata H. St. John in *Phytologia*, 64(1): 46 (1987), homonym see p. 47—Hawaiian Is.
mucronata H. St. John in *Phytologia*, 64(1): 47 (1987), homonym see p. 46—Hawaiian Is.
munroi H. St. John in *Phytologia*, 64(1): 47 (1987)—Hawaiian Is.
occidentalis H. St. John in *Phytologia*, 64(1): 47 (1987)—Hawaiian Is.
olokeleensis H. St. John in *Phytologia*, 64(1): 47 (1987)—Hawaiian Is.
ovoidea H. St. John in *Phytologia*, 64(1): 48 (1987)—Hawaiian Is.
patungensis
f. *glabrifolia* C.M. Hu in *Acta Bot. Austro Sinica*, 2: 200 (1986)—China.
pedicellata H. St. John in *Phytologia*, 64(1): 48 (1987)—Hawaiian Is.
pentophylla H. St. John in *Phytologia*, 64(1): 48 (1987)—Hawaiian Is.
pilosula H. St. John in *Phytologia*, 64(1): 48 (1987)—Hawaiian Is.
rockii H. St. John in *Phytologia*, 64(1): 48 (1987)—Hawaiian Is.
rubrimaculata H. St. John in *Phytologia*, 64(1): 48 (1987)—Hawaiian Is.
rufa H. St. John in *Phytologia*, 64(1): 49 (1987)—Hawaiian Is.
russii H. St. John in *Phytologia*, 64(1): 49 (1987)—Hawaiian Is.
saurauifolia S.S. Ying in *Quart. J. Chinese Forest.*, 20(4): 123 (1987)—Taiwan.
scansoria H. St. John in *Phytologia*, 64(1): 49 (1987)—Hawaiian Is.
scapiflora C.M. Hu, Z.R. Xu & F.P. Chen in *Acta Phytotax. Sin.*, 26(4): 306 (1988)—China.
sikokiana
subsp. *petelotii* (Merr.) C.M. Hu in *Acta Bot. Austro Sinica*, 2: 199 (1986): L. *petelotii*.
stene H. St. John in *Phytologia*, 64(1): 49 (1987)—Hawaiian Is.
stenophylla H. St. John in *Phytologia*, 64(1): 49 (1987)—Hawaiian Is.
subherbacea (Hillebr.) H. St. John in *Phytologia*, 64(1): 49 (1987): L. *hillebrandii* var. *subherbacea*.
ternifolia H. St. John in *Phytologia*, 64(1): 49 (1987)—Hawaiian Is.
venosa (Wavura) H. St. John in *Phytologia*, 64(1): 50 (1987): L. *hillebrandii* var. *venosa*.
violascens
var. *robusta* (C.Y. Wu) C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(1): 123 (1989): L. *lichiangensis* var. *robusta*.
var. *xerophila* (C.Y. Wu) C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(1): 123 (1989): L. *lichiangensis* var. *xerophila*.
vulgaris
f. *koreana* W.T. Lee in *Korean J. Pl. Taxon.*, 18(3): 197 (1988), without latin descr. or type—Korea.
waiholeensis H. St. John in *Phytologia*, 64(1): 50 (1987)—Hawaiian Is.
waianaensis H. St. John in *Phytologia*, 64(1): 50 (1987)—Hawaiian Is.
waichuensis H. St. John in *Phytologia*, 64(1): 50 (1987)—Hawaiian Is.
waikoluensis H. St. John in *Phytologia*, 64(1): 50 (1987)—Hawaiian Is.

LYSIMACHIA :-

websteri *H. St. John* in *Phytologia*, 64(1): 50 (1987)—
Hawaiian Is.

LYSIONOTUS (Gesneriac.).

sangzhiensis *W.T. Wang* in *Guihaia*, 6(3): 164
(1986)—China.

LYTHRUM (Lythrac.).

castiliae *W. Greuter* & *Burdet* in *Willdenowia*, 19(1):
35 (1989)—Spain.
wilsonii *H.J. Hewson* in *Fl. Australia*, 18: 322, 104
(1990)—Australia (New South Wales, N. Terr.,
Queensland, S. Australia).

M**MAACKIA** (Legumin.).

hwashanensis *W.T. Wang* ex *C.W. Chang* in *Fl.
Tsinlingensis*, 1(3): 444, 17 (1981)—China.
taiwanensis *H. Hoshi* & *H. Ohashi* in *J. Jap. Bot.*,
62(4): 98 (1987)—Taiwan.

MABEA (Euphorbiac.).

angularis *G. den Hollander* in *Proc. Kon. Nederl.
Akad. Wetensch.*, C, 89(2): 147 (1986)—Brazil,
Guyana.
fistulifera
 subsp. robusta *M. Emmerich* in *Bradea*, 4(47): 370
 (1987)—Brazil, Bolivia.
jefensis *M.J. Huft* in *Phytologia*, 62(4): 341 (1987)—
Panama.
montana
 subsp. biglandulosa (*Müller-Argoviensis*) *G. den
 Hollander* in *Proc. Kon. Nederl. Akad. Wetensch.*,
 C, 89(2): 149 (1986): *M. biglandulosa*.
 subsp. lucida (*Pax* & *Hoffmann*) *G. den Hollander*
 in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 89(2):
 150 (1986): *M. lucida*.
setulosa (*Müller-Argoviensis*) *G. den Hollander* in
Proc. Kon. Nederl. Akad. Wetensch., C, 89(2): 153
(1986): *M. occidentalis* var. *setulosa*.
speciosa
 subsp. concolor (*Müller-Argoviensis*) *G. den
 Hollander* in *Proc. Kon. Nederl. Akad. Wetensch.*,
 C, 89(2): 154 (1986): *M. piriri* var. *concolor*.

MABRYA *W.J. Elisens*, Monogr. Maurandyinae
(Scrophulariac.-Antirrhin.) (*Syst. Bot. Monog.*, 5):
57 (1985). **SCROPHULARIACEAE**.

acerifolia (*Pennell*) *W.J. Elisens*, Monogr.
Maurandyinae (*Scrophulariac.-Antirrhin.*) (*Syst.
Bot. Monog.*, 5): 58 (1985): *Maurandya acerifolia*.
coccinea (*I.M. Johnston*) *W.J. Elisens*, Monogr.
Maurandyinae (*Scrophulariac.-Antirrhin.*) (*Syst.
Bot. Monog.*, 5): 63 (1985): *Maurandya coccinea*.
erecta (*Hemslley*) *W.J. Elisens*, Monogr.
Maurandyinae (*Scrophulariac.-Antirrhin.*) (*Syst.
Bot. Monog.*, 5): 65 (1985): *Maurandya erecta*.
flaviflora (*I.M. Johnston*) *D.A. Sutton*, *Revis. tribe
Antirrhineae*: 491 (1988): *Maurandya flaviflora*.
geniculata (*Robinson* & *Fernald*) *W.J. Elisens*,
Monogr. Maurandyinae (*Scrophulariac.-Antirrhin.*)
(*Syst. Bot. Monog.*, 5): 60 (1985): *Maurandya
geniculata*.
 subsp. flaviflora (*I.M. Johnston*) *W.J. Elisens*,
 Monogr. Maurandyinae (*Scrophulariac.-
 Antirrhin.*) (*Syst. Bot. Monog.*, 5): 62 (1985):
 Maurandya flaviflora.
 subsp. lanata *W.J. Elisens*, *Monogr. Maurandyinae*
 (*Scrophulariac.-Antirrhin.*) (*Syst. Bot. Monog.*,
 5): 63 (1985)—Mexico.
rosei (*Munz*) *W.J. Elisens*, *Monogr. Maurandyinae*
(*Scrophulariac.-Antirrhin.*) (*Syst. Bot. Monog.*, 5):
64 (1985): *Maurandya rosei*.

MACAIREA (Melastomatac.).

cuieirasii *S.S. Renner* in *Mem. New York Bot. Gard.*,
50: 82 (1989)—Brazil.
philipsonii *S.S. Renner* in *Mem. New York Bot. Gard.*,
50: 90 (1989)—Colombia.

MACARANGA (Euphorbiac.).

capensis
 var. *kilimandscharica* (*Pax*) *I. Friis* & *M.G. Gilbert*
 in *Kew Bull.*, 41(1): 68 (1986): *M.
 kilimandscharica*.

MACHAERANTHERA (Compos.).

sect. *Arida* *R.L. Hartman* in *Phytologia*, 68(6): 446
(1990).
sect. *Blepharodon* (*DC.*) *R.L. Hartman* in *Phytologia*,
68(6): 443 (1990): *Haplopappus* sect. *Blepharodon*.
sect. *Havardii* (*R. Jackson*) *R.L. Hartman* in
Phytologia, 68(6): 458 (1990): *Haplopappus* sect.
Havardii.
 subgen. Sideranthus (*Nutt. ex Nees*) *R.L. Hartman* in
 Phytologia, 68(6): 456 (1990): gen. *Sideranthus*.
sect. *Sideranthus* (*Nutt. ex Nees*) *R.L. Hartman* in
Phytologia, 68(6): 456 (1990): gen. *Sideranthus*.
sect. *Stenoloba* *R.L. Hartman* in *Phytologia*, 68(6):
459 (1990).
asteroides
 var. *glandulosa* *B.L. Turner* in *Phytologia*, 60(1): 77
 (1986)—U.S.A. (Arizona).
 var. *lagunensis* (*Keck*) *B.L. Turner* in *Phytologia*,
 60(1): 77 (1986): *M. lagunensis*.
bigelovii
 var. *commixta* (*Greene*) *B.L. Turner* in *Phytologia*,
 60(1): 77 (1986): *M. commixta*.
 var. *mucronata* (*Greene*) *B.L. Turner* in *Phytologia*,
 62(3): 238 (1987): *M. mucronata*.

canescens

var. *ambigua* *B.L. Turner* in *Phytologia*, 60(1): 77
(1986)—U.S.A. (Arizona).
var. *aristata* (*Eastwood*) *B.L. Turner* in *Phytologia*,
60(1): 78 (1986): *Aster canescens* var. *aristatus*.
var. *commixta* (*Greene*) *S.L. Welsh* in *Great Basin
Nat.*, 43(2): 316 (1983): *M. commixta*.
 subsp. glabra (*A. Gray*) *B.L. Turner* in *Phytologia*,
 62(3): 239 (1987): *M. canescens* var. *glabra*.
var. *latifolia* (*A. Nels.*) *S.L. Welsh* in *S.L. Welsh et
al.*, *Utah Fl. (Great Basin Nat. Mem. 9)*: 213
(1987): *M. latifolia*.
var. *leucanthemifolia* (*Greene*) *S.L. Welsh* in *Great
Basin Nat.*, 43(2): 316 (1983): *Aster
leucanthemifolius*.
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 Plecosperrum andamanicum.
 cochinchinensis
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pabstii*.
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hooglandii H. Sleumer in *Blumea*, 32(1): 45 (1987)—New Guinea (Papua New Guinea).
lineolata H. Sleumer in *Blumea*, 32(1): 54 (1987)—New Guinea (W. Irian).
loloruensis H. Sleumer in *Blumea*, 32(1): 46 (1987)—Bougainville Is.
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sayersii H. Sleumer in *Blumea*, 32(1): 60 (1987)—New Britain, Admiralty Is., New Hanover, New Ireland.
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lichiangense (W.W. Smith) J.V. LaFrankie in *Taxon*, 35(3): 589 (1986), basionym as 'Smilacina lichiangensis': Tovaria lichiangensis.
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steinii C.H. Dodson in *IC. Pl. Trop.*, Ser. 2, 6: t. 527 (1989)—Ecuador.
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var. sanciro W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 132 (1989)—Mexico.
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f. slevinii (Britton & Rose) T.M.W. Neutelings in *Succulenta*, 65(1): 5 (1986), without basionym ref.: Basionym not stated.
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var. estebanensis (Lindsay) W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 34 (1989): M. estebanensis.
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var. pratensis W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 73 (1989)—Mexico.
apozolensis W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 143 (1989)—Mexico.
var. saltensis W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 145 (1989)—Mexico.
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ascensionis
var. nominis-dulcis (Lau) W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 58 (1989): M. glassii var. *nominis-dulcis*.
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var. multiceps W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 29 (1989)—Mexico.

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- bernalensis W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 151 (1989)—Mexico.
- bocensis
var. movasana W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 148 (1989)—Mexico.
- var. rubida (Schwarz) W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 146 (1989): M. rubida.
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- bonavitii W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 66 (1989)—Mexico.
- brachytrichion J. Lüthy in *Kakt. And. Sukk.*, 38(12): 295 (1987)—Mexico.
- brevicrinata W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 42 (1989)—Mexico.
- bucareliensis
var. multiflora W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 164 (1989)—Mexico.
- var. tamaulipa W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 166 (1989)—Mexico.
- buxbaumeriana W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 63 (1989)—Mexico.
- candida
var. estanzuelensis W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 27 (1989)—Mexico.
- centralifera W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 153 (1989)—Mexico.
- chica W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 52 (1989)—Mexico.
- claviformis W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 91 (1989)—Mexico.
- compacticaulis W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 80 (1989)—Mexico.
- conspicua
var. vaupelii (Tiegel) W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 113 (1989): M. vaupelii.
- coronata G. Don f. in *Loud., Hort. Brit.*: 194 (1830); cf. D.J. Maberley in *Taxon*, 30(1): 16 (1981)—Locality not stated.
- crassa W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 139 (1989)—Mexico.
- crassimammillia W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 169 (1989)—Mexico.
- crassior W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 85 (1989)—Mexico.
- decipiens
var. albescens (Tiegel) W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 66 (1989): M. albescens.
- dioica
f. angelensis (Craig) T.M.W. Neutelings in *Succulenta*, 65(1): 4 (1986), without basionym ref.: M. angelensis.
- var. armillata (K. Brandege) T.M.W. Neutelings in *Succulenta*, 65(1): 4 (1986), without basionym ref.: M. armillata.
- var. capensis (Gates) T.M.W. Neutelings in *Succulenta*, 65(1): 4 (1986), without basionym ref.: Basionym not stated.
- var. cerralboa (Britton & Rose) T.M.W. Neutelings in *Succulenta*, 65(1): 4 (1986), without basionym ref.: Basionym not stated.
- f. estebanensis (Lindsay) T.M.W. Neutelings in *Succulenta*, 65(1): 4 (1986), without basionym ref.: M. estebanensis.
- f. incerta (Parish) T.M.W. Neutelings in *Succulenta*, 65(1): 4 (1986), without basionym ref.: M. incerta.

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- var. neopalmeri (Coulter) T.M.W. Neutelings in *Succulenta*, 65(1): 4 (1986), without basionym ref.: Basionym not stated.
- f. phitaiana (Baxter) T.M.W. Neutelings in *Succulenta*, 65(1): 4 (1986), without basionym ref.: Basionym not stated.
- f. verhaertiana (Bödeker) T.M.W. Neutelings in *Succulenta*, 65(1): 4 (1986), without basionym ref.: M. verhaertiana.
- discolor
var. longispina W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 77 (1989)—Mexico.
- var. ochoterenae (Bravo) W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 77 (1989): Neomammillaria ochoterenae.
- var. schmollii (Bravo) W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 78 (1989): Neomammillaria schmollii.
- dixanthocentron
var. rubripina R. Wolf in *Kakt. And. Sukk.*, 38(2): 46 (1987)—Mexico.
- duoformis
var. xuchiapensis W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 104 (1989)—Mexico.
- durangicola W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 135 (1989)—Mexico.
- elegans
var. lanata (B. & R.) Hofmann, *Inform.-Brief ZAG Mammillaria*, 1985: 25 (1986); cf. *Repert. Pl. Succ. (I.O.S.)*, 37: 5 (1986 publ. 1988): Neomammillaria lanata.
- var. longicauda W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 109 (1989)—Mexico.
- var. lupina W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 108 (1989)—Mexico.
- var. teyuca W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 111 (1989)—Mexico.
- erythra W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 180 (1989)—Mexico.
- felipensis W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 38 (1989)—Mexico.
- freudenbergeri W. Reppenhagen in *Kakt. And. Sukk.*, 38(10): 255 (1987)—Mexico.
- glochidiata
var. xiloensis W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 40 (1989)—Mexico.
- goodridgii
var. blossfeldiana (Bödeker) T.M.W. Neutelings in *Succulenta*, 65(1): 5 (1986), without basionym ref.: M. blossfeldiana.
- var. bullardiana (Gates) T.M.W. Neutelings in *Succulenta*, 65(1): 5 (1986), without basionym ref.: Basionym not stated.
- var. hutchinsoniana (Gates) T.M.W. Neutelings in *Succulenta*, 65(1): 5 (1986), without basionym ref.: Basionym not stated.
- var. louisae (Lindsay) T.M.W. Neutelings in *Succulenta*, 65(1): 5 (1986), without basionym ref.: M. louisae.
- f. shurlyana (Gates) T.M.W. Neutelings in *Succulenta*, 65(1): 5 (1986), without basionym ref.: M. shurlyana.
- guelzowiana
var. robustior R. Wolf in *Kakt. And. Sukk.*, 37(12): 257 (1986)—Mexico.
- hamiltonhoytea
var. pilensis (Shurley) W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 138 (1989): M. pilensis.
- hirsuta
var. grandis W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 36 (1989)—Mexico.
- huiguercensis W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 141 (1989)—Mexico.

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- ignota W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 126 (1989)—Mexico.
- igualensis W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 123 (1989)—Mexico.
- var. palmillensis W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 125 (1989)—Mexico.
- isotensis W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 78 (1989)—Mexico.
- kleiniorum Appenzeller in *Mitteilungsbl. AFM*, 10(6): 197–203 (1986); cf. *Repert. Pl. Succ. (I.O.S.)*, 37: 5 (1986 publ. 1988)—Locality not stated.
- krasuckae W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 99 (1989)—Mexico.
- lanigera W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 116 (1989)—Mexico.
- var. juxtaluacensis W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 118 (1989)—Mexico.
- leptacantha (Lau) W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 103 (1989): M. rekoii var. leptacantha.
- linaresensis R. & F. Wolf in *Kakt. And. Sukk.*, 41(11): 264 (1990)—Mexico.
- mazatlanensis
var. occidentalis (Britton & Rose) T.M.W. Neutelings in *Succulenta*, 65(1): 4 (1986), without basionym ref.: Basionym not stated.
- f. patonii (Bravo) T.M.W. Neutelings in *Succulenta*, 65(1): 4 (1986), without basionym ref.: Basionym not stated.
- f. sinalensis (Craig) T.M.W. Neutelings in *Succulenta*, 65(1): 4 (1986), without basionym ref.: M. occidentalis var. sinalensis.
- mercadensis
var. guillauminiana (Backeberg) W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 35 (1989): M. guillauminiana.
- microcarpa
f. auricarpa (Marshall) T.M.W. Neutelings in *Succulenta*, 65(1): 3 (1986), without basionym ref.: M. microcarpa var. auricarpa.
- f. gueldemanniana (Backeberg) T.M.W. Neutelings in *Succulenta*, 65(1): 4 (1986), without basionym ref.: M. gueldemanniana.
- f. oliviae (Orcutt) T.M.W. Neutelings in *Succulenta*, 65(1): 4 (1986), without basionym ref.: M. oliviae.
- var. sheldonii (Britton & Rose) T.M.W. Neutelings in *Succulenta*, 65(1): 3 (1986), without basionym ref.: Basionym not stated.
- f. swinglei (Britton & Rose) T.M.W. Neutelings in *Succulenta*, 65(1): 4 (1986), without basionym ref.: Basionym not stated.
- milleri
f. multiancistra J.J. De Morree in *Succulenta*, 69(3): 70, 69 (1990)—U.S.A. (Arizona).
- monticola W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 115 (1989)—Mexico.
- nagliana W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 173 (1989)—Mexico.
- nazasensis (Glass & Foster) W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 36 (1989): M. pennispinosa var. nazasensis.
- noureddineana W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 128 (1989)—Mexico.
- papasquiarensis (Bravo) W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 137 (1989), basionym without type: M. tesopacensis var. papasquiarensis.
- parrasensis W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 133 (1989)—Mexico.

MAMMILLARIA :-

- pottsii
var. gigas W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 61 (1989)—Mexico.
var. multicaulis W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 60 (1989)—Mexico.
 priessnitzii W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 158 (1989)—Mexico.
 puberula W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 44 (1989)—Mexico.
 pulliamata W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 96 (1989)—Mexico.
 rectispina (Dawson) W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 33 (1989): M. goodrichii *var. rectispina*.
 rioverdensis W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 162 (1989), as 'rioverdense'—Mexico.
 sanjuanensis W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 98 (1989)—Mexico.
 saxicola W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 160 (1989)—Mexico.
 scrippsiana
var. armeria W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 149 (1989)—Mexico.
 seitziana
var. tolantongensis W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 154 (1989)—Mexico.
 silvatica W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 89 (1989)—Mexico.
 subducta
var. dasyacantha (Hunt) W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 55 (1989), without basionym ref.: Basionym not stated.
 supraflumen W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 87 (1989)—Mexico.
 thornberi
var. yaquensis (Craig) T.M.W. Neutelings in *Succulenta*, 65(1): 4 (1986), without basionym ref.: M. yaquensis.
 tlalocii W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 120 (1989)—Mexico.
 tropica W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 171 (1989)—Mexico.
 vallensis W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 156 (1989)—Mexico.
var. brevispina W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 158 (1989)—Mexico.
 verticealba W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 68 (1989)—Mexico.
var. zacatecasensis W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 70 (1989)—Mexico.
 voburnensis
var. collinsii (Britton & Rose) W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 175 (1989): *Neomammillaria collinsii*.
var. eichlamii (Quehl) W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 178 (1989): M. eichlamii.
var. quetzalcoatl W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 177 (1989)—Mexico.
 wohlschlageri W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 49 (1989)—Mexico.

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- wrightii
var. wolfii (Hunt) W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 31 (1989), without basionym ref.: M. wrightii f. wolfii.
 xaltiangensis H. Sánchez-Mejorada R. in *An. Inst. Biol. Univ. Nac. Autón. Méx., Bot.*, 44(1): 30 (1973)—Mexico.
var. aguilensis W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 106 (1989)—Mexico.
 xochipilli W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 167 (1989)—Mexico.
 zephyranthoides
var. heidia (Kraenzl) J. Lüthy in *Kakt. And. Sukk.*, 38(1): 11 (1987): M. heidia.
 zuberlae W. Reppenhagen, *Gattung Mammillaria nach dem heutigen Stand meines Wissens*, 1988: 48 (1989), as 'zuberli'—Mexico.

MANCOA (Crucif.).

- venturii I.A. Al-Shehbaz in *Harvard Pap. Bot.*, 2: 11 (1990)—Argentina.

MANDEVILLA (Apocynac.).

- aracmunensis G. Morillo in *Ernstia*, 53: 17 (1989)—Venezuela.
 holstii G. Morillo in *Ernstia*, 53: 18 (1989)—Venezuela.
 huberi G. Morillo in *Ernstia*, 53: 19 (1989)—Venezuela.
 widgrenii C. Ezcurra in *Candollea*, 45(1): 39 (1990), nom. nov.: *Dipladenia linearis* Muell. Arg.

MANFREDA (Agavac.).

- fusca P. Ravenna in *Herbertia*, 43(1): 17 (1987)—Guatemala.
 involuta R. McVaugh, *Fl. Novo-Galiciana*, 15: 231 (1989)—Mexico.
 scabra (Ort.) R. McVaugh, *Fl. Novo-Galiciana*, 15: 234 (1989): *Agave scabra*.

MANGLIETIA (Magnoliac.).

- glaucofolia Y.W. Law & Y.F. Wu in *Guihaia*, 6(4): 263 (1986)—China.
 lucida B.L. Chen & S.C. Yang in *Acta Sci. Nat. Univ. Sunyatseni*, 1988(3): 94 (1988)—China.
 maguanica Chang & B.L. Chen in *Acta Sci. Nat. Univ. Sunyatseni*, 1988(1): 109 (1988)—China.
 ovoidea Chang & B.L. Chen in *Acta Sci. Nat. Univ. Sunyatseni*, 1988(1): 108 (1988)—China.
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 maxima T.D. Pennington in *Fl. Neotrop.*, 52: 48 (1990)—Brazil.
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subsp. glabricaulis (Hiern) O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 46(1): 49 (1989): M. altissima *var. glabricaulis*.
subsp. longifolia (Benth.) O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 46(1): 49 (1989): M. longifolia.
 annua (Hiern) O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 46(1): 49 (1989): *Sutera annua*.
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 augei (Hiern) O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 46(1): 49 (1989): *Phyllopodium augei*.
 calciphila O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 46(1): 50 (1989)—South Africa (Cape Province).
 caledonica O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 46(3): 338 (1990)—South Africa (Cape Province).
 chrysantha O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 46(3): 338 (1990)—South Africa (Cape Province).
 cinerea O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 46(1): 50 (1989)—South Africa (Cape Province).
 crassifolia
subsp. thodeana (Diels) O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 46(1): 50 (1989): M. thodeana.
 decipiens O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 46(3): 338 (1990)—South Africa (Cape Province).
 deserticola O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 46(3): 338 (1990)—South Africa (Orange Free State, Cape Province).
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 minuscula O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 46(3): 340 (1990)—Namibia, South Africa (Cape Province).

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ovatifolia O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 46(1): 51 (1989)—South Africa (Cape Province).
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paucibarbata O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 46(1): 51 (1989), nom. nov.: *Sutera annua* var. *laxa* Hiern.
pillansii O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 46(1): 51 (1989)—South Africa (Cape Province).
plurirosulata O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 46(1): 52 (1989)—South Africa (Orange Free State, Cape Province).
praeterita O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 46(3): 340 (1990)—South Africa (Cape Province).
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subsp. aurantiaca O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 46(1): 52 (1989)—South Africa (Transvaal).
tenella O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 46(3): 341 (1990)—Namibia.
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sylvatica
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nubicola Alain H. Liogier in *Phytologia*, 63(1): 66 (1987)—Hispaniola (Dominican Republic).
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subsp. tenuifolia (Raf.) L.E. Watson in *Syst. Bot.*, 15(3): 412 (1990): *M. tenuifolia*.
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var. graminifolia (Walter) K.N. Gandhi & R.D. Thomas in *Sida, Bot. Misc.*, 4: 128 (1989): *Athanasia graminifolia*.
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mesoamericana W.R. Anderson in *Contrib. Univ. Mich. Herb.*, 16: 105 (1987)—Guatemala, Mexico, Panama.
paludicola W.R. Anderson in *Contrib. Univ. Mich. Herb.*, 16: 106 (1987)—Brazil.
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- MASDEVALLIA** (Orchidac.).
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sect. Amaluzae C.A. Luer, *Ic. Pleurothallid. II-Syst. Masdevallia* (Monogr. Syst. Bot. Missouri Bot. Gard. 16): 18 (1986).
subgen. Amanda C.A. Luer, *Ic. Pleurothallid. II-Syst. Masdevallia* (Monogr. Syst. Bot. Missouri Bot. Gard. 16): 10 (1986), nom. nov.: *M. sect. Amandae Rchb. f.*
sect. Aphanes C.A. Luer, *Ic. Pleurothallid. II-Syst. Masdevallia* (Monogr. Syst. Bot. Missouri Bot. Gard. 16): 18 (1986).
sect. Caudivolvulae C.A. Luer, *Ic. Pleurothallid. II-Syst. Masdevallia* (Monogr. Syst. Bot. Missouri Bot. Gard. 16): 21 (1986).
subsect. Dentatae C.A. Luer, *Ic. Pleurothallid. II-Syst. Masdevallia* (Monogr. Syst. Bot. Missouri Bot. Gard. 16): 48 (1986).
subsect. Durae C.A. Luer, *Ic. Pleurothallid. II-Syst. Masdevallia* (Monogr. Syst. Bot. Missouri Bot. Gard. 16): 23 (1986).
sect. Ligiae C.A. Luer, *Ic. Pleurothallid. II-Syst. Masdevallia* (Monogr. Syst. Bot. Missouri Bot. Gard. 16): 26 (1986).
subgen. Meleagris C.A. Luer, *Ic. Pleurothallid. II-Syst. Masdevallia* (Monogr. Syst. Bot. Missouri Bot. Gard. 16): 51 (1986), nom. nov.: gen. *Rodrigoa* Braas.
sect. Mentosae C.A. Luer, *Ic. Pleurothallid. II-Syst. Masdevallia* (Monogr. Syst. Bot. Missouri Bot. Gard. 16): 38 (1986).
sect. Nidifcae C.A. Luer, *Ic. Pleurothallid. II-Syst. Masdevallia* (Monogr. Syst. Bot. Missouri Bot. Gard. 16): 12 (1986).
sect. Ophioglossae C.A. Luer, *Ic. Pleurothallid. II-Syst. Masdevallia* (Monogr. Syst. Bot. Missouri Bot. Gard. 16): 15 (1986).

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- subgen. Pelecanceps* C.A. Luer, *Ic. Pleurothallid. II-Syst. Masdevallia* (Monogr. Syst. Bot. Missouri Bot. Gard. 16): 53 (1986), nom. nov.: gen. Luerella Braas.
- sect. Pygmaeae* C.A. Luer, *Ic. Pleurothallid. II-Syst. Masdevallia* (Monogr. Syst. Bot. Missouri Bot. Gard. 16): 15 (1986).
- subsect. Reichenbachianae* (Woolw.) C.A. Luer, *Ic. Pleurothallid. II-Syst. Masdevallia* (Monogr. Syst. Bot. Missouri Bot. Gard. 16): 48 (1986): M. sect. Reichenbachianae.
- subsect. Saltatrices* (Rchb. f.) C.A. Luer, *Ic. Pleurothallid. II-Syst. Masdevallia* (Monogr. Syst. Bot. Missouri Bot. Gard. 16): 36 (1986): M. sect. Saltatrices.
- subgen. Teagueia* C.A. Luer, *Ic. Pleurothallid. II-Syst. Masdevallia* (Monogr. Syst. Bot. Missouri Bot. Gard. 16): 53 (1986).
- subsect. Tubulosae* (Rchb. f.) C.A. Luer, *Ic. Pleurothallid. II-Syst. Masdevallia* (Monogr. Syst. Bot. Missouri Bot. Gard. 16): 38 (1986): M. sect. Tubulosae.
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- subsp. maculigera* (Schltr.) C.A. Luer in *Lindleyana*, 3(1): 17 (1988): M. maculigera.
- subsp. petiolaris* (Schltr.) C.A. Luer in *Lindleyana*, 3(1): 17 (1988): M. petiolaris.
- asterotricha* W. König in *Orchidee*, 37(3): 104 (1986)—Peru.
- audax* W. König in *Orchidee*, 37(3): 106 (1986)—Peru.
- berthae* C.A. Luer & Andreetta in *Lindleyana*, 4(3): 105 (1989)—Ecuador.
- boliviensis*
- subsp. leucophaea* (Luer & Vásquez) C.A. Luer in *Lindleyana*, 3(1): 21 (1988): M. leucophaea.
- campyloglossa*
- subsp. ortgiesiana* (Rolfe) C.A. Luer in *Lindleyana*, 3(1): 21 (1988): M. ortgiesiana.
- cleistogama* C.A. Luer in *Lindleyana*, 4(3): 105 (1989)—Peru.
- condorensis* C.A. Luer & Hirtz in *Lindleyana*, 1(3): 180 (1986)—Ecuador.
- coriacea*
- subsp. bonplandii* (Rchb. f.) C.A. Luer, *Ic. Pleurothallid. II-Syst. Masdevallia* (Monogr. Syst. Bot. Missouri Bot. Gard. 16): 23 (1986): M. bonplandii.
- cranion* C.A. Luer in *Lindleyana*, 4(3): 108 (1989)—Peru.
- cuprea*
- subsp. hepatica* (Luer) C.A. Luer in *Lindleyana*, 3(1): 21 (1988): M. hepatica.
- cylix* C.A. Luer & Malo in *Lindleyana*, 3(4): 195 (1988 publ. 1989)—Ecuador.
- deceptrix* C.A. Luer & B. Würstle in C.A. Luer, *Thesaurus Masdevalliarum*, 10: t. 4 (1987)—Venezuela.
- descendens* C.A. Luer & Andreetta in *Lindleyana*, 3(4): 195 (1988 publ. 1989)—Ecuador.
- discoidea* C.A. Luer & Würstle in *Lindleyana*, 1(3): 182 (1986)—Brazil.
- draconis* C.A. Luer & Andreetta in *Lindleyana*, 3(1): 21 (1988)—Ecuador.
- dryada* C.A. Luer & Escobar in *Lindleyana*, 4(3): 108 (1989)—Colombia.
- eumeces* C.A. Luer in *Lindleyana*, 4(3): 111 (1989)—Peru.
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- floribunda*
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- foeda* C.A. Luer & Vásquez in *Lindleyana*, 3(4): 198 (1988 publ. 1989)—Bolivia.
- glossacles* C.A. Luer in *Lindleyana*, 4(3): 111 (1989)—Ecuador.
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- hubeni* C.A. Luer & B. Würstle in *Orchideeën*, 48(2): 50 (1986)—Colombia.
- hystrix* C.A. Luer & A.C. Hirtz in *Orchidee*, 37(3): 139 (1986)—Ecuador.
- icterina* W. König in *Orchidee*, 41(4): 139 (1990)—Peru.
- infracta*
- subsp. curtipes* (Barb. Rodr.) C.A. Luer in *Lindleyana*, 3(1): 32 (1988): M. curtipes.
- subsp. obscurans* C.A. Luer in *Lindleyana*, 3(1): 37 (1988)—Brazil.
- subsp. oscitans* C.A. Luer in *Lindleyana*, 3(1): 37 (1988)—Brazil.
- lamia* C.A. Luer & Hirtz in *Lindleyana*, 3(1): 40 (1988)—Ecuador.
- limax*
- subsp. maxilimax* C.A. Luer in *Lindleyana*, 3(1): 40 (1988)—Ecuador.
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- manarana* G. Carnevali F.C. & I. Ramírez de Carnevali in *Ermtia*, 44: 15 (1987)—Venezuela.
- manchinazae* C.A. Luer & Andreetta in *Lindleyana*, 3(4): 201 (1988 publ. 1989)—Ecuador.
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- mayaycu* C.A. Luer & Andreetta in *Lindleyana*, 3(4): 201 (1988 publ. 1989)—Ecuador.
- melanoglossa* C.A. Luer in *Lindleyana*, 4(3): 114 (1989)—Ecuador.
- microptera* C.A. Luer & Würstle in *Lindleyana*, 4(3): 116 (1989)—Peru.
- morochoi* C.A. Luer & Andreetta in *Lindleyana*, 4(3): 116 (1989)—Ecuador.
- mystica* C.A. Luer in *Lindleyana*, 4(3): 119 (1989)—Colombia.
- nivea* (Luer & Escobar) C.A. Luer & Escobar in C.A. Luer, *Thesaurus Masdevalliarum*, 13: t. 9 (1989): M. purpurella subsp. nivea.
- norae* C.A. Luer in *Lindleyana*, 3(1): 44 (1988)—Venezuela.
- ophioglossa*
- subsp. grossa* (Luer) C.A. Luer, *Ic. Pleurothallid. II-Syst. Masdevallia* (Monogr. Syst. Bot. Missouri Bot. Gard. 16): 15 (1986): M. grossa.
- os-viperae* C.A. Luer & Andreetta in *Lindleyana*, 4(3): 119 (1989)—Ecuador.
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- subsp. leptoura* (Luer) C.A. Luer in *Lindleyana*, 3(1): 44 (1988): M. leptoura.
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- subsp. haematosticta* (Reichb. f.) C.A. Luer in *Lindleyana*, 3(1): 44 (1988): M. haematosticta.
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- subsp. spathulifolia* (Kränzlin) C.A. Luer in *Lindleyana*, 3(1): 50 (1988): M. spathulifolia.
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- rodolfoi*
- subsp. ortalis* (Luer) C.A. Luer in *Lindleyana*, 3(1): 59 (1988): M. ortalis.
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- tinekeae* C.A. Luer & Vásquez in *Lindleyana*, 3(4): 207 (1988 publ. 1989)—Bolivia.
- tubulosa*
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- subsp. filaria* (Luer & Escobar) C.A. Luer, *Ic. Pleurothallid. II-Syst. Masdevallia* (Monogr. Syst. Bot. Missouri Bot. Gard. 16): 36 (1986): M. filaria.
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- subsp. klabochorum* (Reichb. f.) C.A. Luer in *Lindleyana*, 3(1): 64 (1988): M. klabochorum.
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- yungasensis*
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- purpurea* (Pillans) H.P. Linder in *Bothalia*, 15(3-4): 487 (1985): Hypolaena purpurea.
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- apetala*
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- longipes*
- subsp. tepuiensis* J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 75(3): 1069 (1988)—Venezuela, Brazil.
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 subsp. angustata J.T. Atwood in *Ic. Pl. Trop.*, 14 (Orch. Costa Rica, pt. 1): t. 1371 (1989)—Nicaragua, Honduras.
- MAXIMOVICZIA** A.P. Khokhryakov, Fl. Magadansk. Obl.: 73 (1985), nom. nov.: Scirpus sect. Japonici T. Koyama (Cyperac.).
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- MAXIMOWICZIELLA** A.P. Khokhryakov, Analiz Fl. Kolym'skogo Nagor'ya: 15 (1989), nom. nov.: gen. Maximoviczia A.P. Khokhryakov (Cyperac.).
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 subsp. peninsularis (Pennell) R.A. Rossow in *Candollea*, 42(2): 444 (1987): M. acuminata var. peninsularis.
 flagellaris (Cham. & Schlecht.) R.A. Rossow in *Candollea*, 42(2): 448 (1987): Herpestis flagellaris.
 subsp. radicata (Benth.) R.A. Rossow in *Candollea*, 42(2): 452 (1987): Herpestis radicata.
 pubescens R.A. Rossow in *Candollea*, 42(2): 463 (1987)—Brazil.

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tenella

var. *microphylla* (Schmidt) R.A. Rossow in *Candollea*, 42(2): 470 (1987); *Herpestis chamaedryoides* β *microphylla*.

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pseudohorridula C.Y. Wu & H. Chuang in *Fl. Xizangica*, 2: 234 (1985)—Xizang.

quintuplinervia

var. *glabra* M.C. Wang & P.H. Yang in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(4): 43 (1990)—China.

rebeccaiae H.S. Debnath & M.P. Nayar in *J. Jap. Bot.*, 64(5): 157 (1989)—Nepal.

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neibense J.D. Skee in *Brittonia*, 39(2): 192 (1987)—Hispaniola (Dominican Republic).

revolutum J.D. Skee & W.S. Judd in *Brittonia*, 38(3): 230 (1986)—Hispaniola (Haiti).

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sect. *Buceras* (Ser.) E. Small in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 180 (1987); *Trigonella* sect. *Buceras*.

sect. *Geocarpa* E. Small in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 179 (1987).

sect. *Lunatae* (Boiss.) E. Small in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 180 (1987); *Trigonella Lunatae*.

sect. *Platycarpae* E. Small in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 180 (1987).

arenicola (Huber-Mor.) E. Small in *Willdenowia*, 16(2): 433 (1987); *Trigonella arenicola*.

biflora (Griseb.) E. Small in *Willdenowia*, 16(2): 433 (1987); *Trigonella biflora*.

carica (Huber-Mor.) E. Small in *Willdenowia*, 16(2): 433 (1987); *Trigonella carica*.

citrina (Font Quer) W. Greuter in *Willdenowia*, 16(1): 112 (1986); *M. arborea* var. *citrina*.

crassipes (Boiss.) E. Small in *Willdenowia*, 16(2): 433 (1987); *Trigonella crassipes*.

falcata

subsp. *glandulosa* (Koch) W. Greuter & Burdet in *Willdenowia*, 19(1): 32 (1989); *M. falcata* var. *glandulosa*.

halophila (Boiss.) E. Small in *Willdenowia*, 16(2): 433 (1987); *Trigonella halophila*.

heldreichii E. Small in *Willdenowia*, 16(2): 434 (1987), nom. nov.: *Trigonella polycarpa* Boiss. & Heldr.

huberi E. Small in *Willdenowia*, 16(2): 434 (1987), nom. nov.: *Trigonella sirjaevii* Huber-Mor.

isthmocarpa (Boiss. & Bal.) E. Small in *Willdenowia*, 16(2): 433 (1987); *Trigonella isthmocarpa*.

italica

subsp. *striata* (Bast.) W. Greuter & Burdet in *Willdenowia*, 19(1): 32 (1989); *M. striata*.

medicaginoides (Retz.) E. Small in *Willdenowia*, 16(2): 434 (1987); *Lotus medicaginooides*.

monantha

subsp. *noeana* (Boiss.) W. Greuter & Burdet in *Willdenowia*, 19(1): 32 (1989); *Trigonella noeana*.

pamphylica (Huber-Mor. & Sirj.) E. Small in *Willdenowia*, 16(2): 434 (1987); *Trigonella pamphylica*.

persica (Boiss.) E. Small in *Willdenowia*, 16(2): 434 (1987); *Trigonella persica*.

phrygia (Boiss. & Bal.) E. Small in *Willdenowia*, 16(2): 433 (1987); *Trigonella phrygia*.

polyceratia

subsp. *amandiana* (Samp.) W. Greuter & Burdet in *Willdenowia*, 19(1): 32 (1989); *Trigonella amandiana*.

polymorpha

var. *confinis* (Koch) N. Diklić in *Fl. SR Srbije*, 10: 115 (1986); *M. hispida* var. *confinis*.

subsp. *polycarpa* (Willd.) C. Romero Zarco in *Lasgalia*, 14(1): 146 (1986); *M. polycarpa*.

retrorsa (Boiss.) E. Small in *Willdenowia*, 16(2): 434 (1987); *Trigonella retrorsa*.

rhytidocarpa (Boiss. & Bal.) E. Small in *Willdenowia*, 16(2): 434 (1987); *Trigonella rhytidocarpa*.

rigida (Boiss. & Bal.) E. Small in *Willdenowia*, 16(2): 434 (1987); *Trigonella rigida*.

MEDICAGO :-

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sativa

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syriaca E. Small in *Canad. J. Bot.*, 68(7): 1476 (1990)—Syria.

tornata

subsp. *striata* (Bast.) M. Kerguelen in *Lejeunia*, 120: 127 (1987); *M. striata*.

MEDINILLA (Melastomatac.).

allantocalyx J.C. Regalado in *Blumea*, 35(1): 30 (1990)—Borneo (Sarawak).

amplectens J.C. Regalado in *Blumea*, 35(1): 47 (1990)—Borneo (Sabah, Kalimantan, Sarawak).

atroviridis J.C. Regalado in *Blumea*, 35(1): 25 (1990)—Borneo (Sarawak, Kalimantan).

beamanii J.C. Regalado in *Blumea*, 35(1): 29 (1990)—Borneo (Sabah).

botryocarpa J.C. Regalado in *Blumea*, 35(1): 33 (1990)—Borneo (Sarawak, Sabah, Kalimantan, Brunei).

capillipes J.C. Regalado in *Blumea*, 35(1): 61 (1990)—Borneo (Sarawak).

clemensiana J.C. Regalado in *Blumea*, 35(1): 25 (1990)—Borneo (Sabah).

corneri J.C. Regalado in *Blumea*, 35(1): 27 (1990)—Borneo (Sabah).

cuneata (Thw.) K. Bremer & R. Lundin in M.D. Dassanayake & F.R. Fosberg, eds., *Revised Handb. Fl. Ceylon*, 6: 202 (1988); *M. maculata* var. *cuneata*.

danumensis J.C. Regalado in *Blumea*, 35(1): 27 (1990)—Borneo (Sabah).

endertii J.C. Regalado in *Blumea*, 35(1): 52 (1990)—Borneo (Kalimantan, Sarawak).

formanii J.C. Regalado in *Blumea*, 35(1): 56 (1990)—Borneo (Kalimantan, Brunei).

fragilis J.C. Regalado in *Blumea*, 35(1): 30 (1990)—Borneo (Sarawak).

gracilis J.F. Veldkamp in *Blumea*, 33(2): 509 (1988)—New Guinea (W. Irian).

kemulensis J.C. Regalado in *Blumea*, 35(1): 57 (1990)—Borneo (Kalimantan).

kinabaluensis J.C. Regalado in *Blumea*, 35(1): 21 (1990)—Borneo (Sabah).

latericia J.C. Regalado in *Blumea*, 35(1): 31 (1990)—Borneo (Sarawak).

montisaping J.C. Regalado in *Blumea*, 35(1): 38 (1990)—Borneo (Sarawak).

myrmecorhiza J.C. Regalado in *Blumea*, 35(1): 44 (1990)—Borneo (Brunei, Kalimantan, Sabah, Sarawak).

pedunculosa Ohwi ex J.C. Regalado in *Blumea*, 35(1): 31 (1990)—Borneo (Kalimantan).

quadrialata Ohwi ex J.C. Regalado in *Blumea*, 35(1): 43 (1990)—Borneo (Sabah, Kalimantan, Sarawak).

richardsii J.C. Regalado in *Blumea*, 35(1): 36 (1990)—Borneo (Sarawak).

rubrifrons J.C. Regalado in *Blumea*, 35(1): 23 (1990)—Borneo (Sabah, Kalimantan).

rufescens J.C. Regalado in *Blumea*, 35(1): 51 (1990)—Borneo (Sarawak).

rufopilosa Ohwi ex J.C. Regalado in *Blumea*, 35(1): 53 (1990)—Borneo (Sarawak, Kalimantan).

salicina Ohwi ex J.C. Regalado in *Blumea*, 35(1): 41 (1990)—Borneo (Sarawak, Kalimantan).

sandakanensis J.C. Regalado in *Blumea*, 35(1): 63 (1990)—Borneo (Sabah).

sessiliflora J.C. Regalado in *Blumea*, 35(1): 36 (1990)—Borneo (Sarawak, Kalimantan).

subauriculata J.C. Regalado in *Blumea*, 35(1): 41 (1990)—Borneo (Sarawak, Kalimantan).

suberosa J.C. Regalado in *Blumea*, 35(1): 45 (1990)—Borneo (Sabah).

MEDIOCALCAR (Orchidac.).

decoratum A. Schuitman in *Blumea*, 34(1): 167 (1989)—New Guinea (Papua New Guinea, W. Irian).

subteres A. Schuitman in *Blumea*, 34(1): 171 (1989)—New Guinea (Papua New Guinea, W. Irian).

MEDIOLOBIVIA (Cactac.).

spiralisepala B. Schütz in *Kaktusy (Brno)*, 11(3): 51 (1975)—Argentina.

MEDIUSELLA (Cavaco) L.J. Dorr in *Ann. Missouri Bot. Gard.*, 73(4): 828 (1986 publ. 1987); *Leptolaena* subgen. *Mediusella* (Sarcolaenac.). *bernieri* (Baillon) L.J. Dorr in *Ann. Missouri Bot. Gard.*, 73(4): 828 (1986 publ. 1987); *Leptolaena bernieri*.

MEEHANIA (Labiata.).

fargesii

var. *obtusata* T. Chen in *Acta Bot. Yunnanica*, 12(3): 254 (1990)—China.

urticifolia

f. *rosea* J. Ôhara in *J. Phytogeogr. Taxon.*, 33(2): 72 (1985)—Japan.

MEGALOCHELYMYS (Acanthac.).

sect. *Laevigatae* K. Vollesen in *Kew Bull.*, 44(4): 607 (1989).

sect. *Verrucosae* K. Vollesen in *Kew Bull.*, 44(4): 635 (1989).

hamata (Klotzsch) K. Vollesen in *Kew Bull.*, 44(4): 622 (1989); *Blechnum hamatum*.

kenyensis K. Vollesen in *Kew Bull.*, 44(4): 625 (1989)—Kenya, Uganda.

subsp. *australis* K. Vollesen in *Kew Bull.*, 44(4): 626 (1989)—South Africa (Transvaal).

ogadenensis K. Vollesen in *Kew Bull.*, 44(4): 612 (1989)—Somali Republic, Ethiopia.

revoluta (Lindau) K. Vollesen in *Kew Bull.*, 44(4): 616 (1989); *Schwabea revoluta*.

subsp. *cognata* (N.E. Br.) K. Vollesen in *Kew Bull.*, 44(4): 619 (1989); *Ecbolium cognatum*.

subsp. *nyanzae* K. Vollesen in *Kew Bull.*, 44(4): 621 (1989)—Kenya, Tanzania.

tanaensis K. Vollesen in *Kew Bull.*, 44(4): 637 (1989)—Kenya.

tanzaniensis K. Vollesen in *Kew Bull.*, 44(4): 611 (1989)—Tanzania.

trinervia (C.B. Clarke) K. Vollesen in *Kew Bull.*, 44(4): 635 (1989); *Ecbolium trinervium*.

violacea (Vahl) K. Vollesen in *Kew Bull.*, 44(4): 608 (1989); *Dianthera violacea*.

MELALEUCA (Myrtac.).

acacioides

subsp. *alosphila* (Cunn. ex Benth.) B.A. Barlow in *Brunonia*, 9(2): 167 (1987); *M. alosphila*.

adenostyla K.J. Cowley in *Austral. Syst. Bot.*, 3(2): 171 (1990)—Australia (W. Australia).

apostiba K.J. Cowley in *Austral. Syst. Bot.*, 3(2): 182 (1990)—Australia (W. Australia).

armillaris

subsp. *akineta* F.C. Quinn in *Austral. Syst. Bot.*, 3(2): 188 (1990)—Australia (S. Australia).

bromelioides B.A. Barlow in *Austral. Syst. Bot.*, 1(2): 112 (1988)—Australia (W. Australia).

calycina

subsp. *dempta* B.A. Barlow in *Austral. Syst. Bot.*, 1(2): 104 (1988)—Australia (W. Australia).

camptoclada F.C. Quinn in *Austral. Syst. Bot.*, 3(2): 199 (1990)—Australia (W. Australia).

citrolens B.A. Barlow in *Brunonia*, 9(2): 168 (1987)—Australia (Queensland, N. Terr.).

coccinea

subsp. *eximia* K.J. Cowley in *Austral. Syst. Bot.*, 3(2): 179 (1990)—Australia (W. Australia).

subsp. *penicula* K.J. Cowley in *Austral. Syst. Bot.*, 3(2): 178 (1990)—Australia (W. Australia).

ctenoides F.C. Quinn in *Austral. Syst. Bot.*, 3(2): 194 (1990)—Australia (W. Australia).

fulgens

subsp. *corrugata* (J. Black ex Eardley) K.J. Cowley in *Austral. Syst. Bot.*, 3(2): 174 (1990); *M. corrugata*.

subsp. *steedmanii* (C. Gardner) K.J. Cowley in *Austral. Syst. Bot.*, 3(2): 172 (1990); *M. steedmanii*.

halmaturorum

subsp. *cymbifolia* (Benth.) B.A. Barlow in *Austral. Syst. Bot.*, 1(2): 102 (1988); *M. cymbifolia*.

haplantha B.A. Barlow in *Austral. Syst. Bot.*, 1(2): 105 (1988)—Australia (W. Australia).

lanceolata

subsp. *occidentalis* B.A. Barlow in *Austral. Syst. Bot.*, 1(2): 121 (1988)—Australia (W. Australia).

subsp. *planifolia* B.A. Barlow in *Austral. Syst. Bot.*, 1(2): 119 (1988)—Australia (W. Australia).

MELALEUCA :-

- subsp. thacroides* B.A. Barlow in *Austral. Syst. Bot.*, 1(2): 121 (1988)—Australia (W. Australia, S. Australia).
- lecanantha* B.A. Barlow in *Austral. Syst. Bot.*, 1(2): 113 (1988)—Australia (W. Australia).
- macronychia*
subsp. trygonoides K.J. Cowley in *Austral. Syst. Bot.*, 3(2): 180 (1990)—Australia (W. Australia).
- minutifolia*
subsp. monantha B.A. Barlow in *Brunonia*, 9(2): 176 (1987)—Australia (Queensland).
- obliqua* De Vriese, *Hort. Spaarn-Berg.*: 119 (1839); cf. D.J. Mabberley in *Taxon*, 33(3): 442 (1984)—Locality not stated.
- pauperiflora*
subsp. fastigiata B.A. Barlow in *Austral. Syst. Bot.*, 1(2): 109 (1988)—Australia (W. Australia).
- subsp. mutica* B.A. Barlow in *Austral. Syst. Bot.*, 1(2): 109 (1988)—Australia (S. Australia).
- quinquenerva*
var. rubriflora (Vieill. ex Brongn. & Gris) M.G. Baumann-Bodenheim, *Syst. Fl. Neu-Caledonien*, 4: 102 (1988 publ. Jan. 1989), without basionym ref.; et *Syst. Fl. Neu-Caledonien*, 5: 97 (May 1989), with basionym ref., basionym as 'M. leucadendron auct. non L. var. rubriflora': M. viridiflora var. rubriflora.
- sciostyla* B.A. Barlow in *Austral. Syst. Bot.*, 1(2): 102 (1988)—Australia (W. Australia).
- strobophylla* B.A. Barlow in *Austral. Syst. Bot.*, 1(2): 116 (1988)—Australia (W. Australia).
- subalaris* B.A. Barlow in *Austral. Syst. Bot.*, 1(2): 106 (1988)—Australia (W. Australia).
- tamariscina*
subsp. irbyana (R. Baker) B.A. Barlow in *Brunonia*, 9(2): 173 (1987); M. irbyana.
- subsp. pallescens* (Byrnes) B.A. Barlow in *Brunonia*, 9(2): 173 (1987); M. pallescens.
- teuthioides* B.A. Barlow in *Austral. Syst. Bot.*, 1(2): 110 (1988)—Australia (W. Australia).
- torquata* B.A. Barlow in *Austral. Syst. Bot.*, 1(2): 110 (1988)—Australia (W. Australia).
- xerophila* B.A. Barlow in *Austral. Syst. Bot.*, 1(2): 122 (1988)—Australia (W. Australia, S. Australia).

MELAMPODIUM (Compos.).

- northingtonii* B.L. Turner in *Phytologia*, 64(6): 445 (1988)—Mexico.

MELAMPYRUM (Scrophulariac.).

- laxum*
f. edentatum (Tuyama) T. Yamazaki in *J. Jap. Bot.*, 64(4): 123 (1989); M. australe f. edentatum.
- yezoense* T. Yamazaki in *J. Jap. Bot.*, 64(4): 121 (1989)—Japan.

MELANDRUM (Caryophyllac.).

- alashanicum* (Maxim.) Y.Z. Zhao in *Acta Sci. Nat. Univ. Intramongolicae*, 16(4): 588 (1985); *Lychnis alashanicum*.
- auritipetalum* Y.Z. Zhao & P. Ma in *Acta Phytotax. Sin.*, 27(3): 225 (1989)—China.
- firmum*
var. pubescens (Makino) Y.Z. Zhao in *Acta Sci. Nat. Univ. Intramongolicae*, 16(4): 585 (1985); M. firmum f. pubescens.
- himalayense* (Rohrb.) Y.Z. Zhao in *Acta Sci. Nat. Univ. Intramongolicae*, 16(4): 585 (1985); M. apetalum var. himalayense.
- orientalimongolicum* (Ju. Kozhev.) Y.Z. Zhao in *Acta Sci. Nat. Univ. Intramongolicae*, 16(4): 586 (1985); *Silene orientalmongolica*.
- physocalycinum* Hausknecht & Bornmüller in *Bull. Herb. Boiss.*, 7(2): 115 (1899)—Iraq.†
- saxosum* A.P. Khokhryakov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 94(6): 95 (1989)—U.S.S.R. (Caucasus).
- verrucosoalatum* Y.Z. Zhao & P. Ma in *Acta Phytotax. Sin.*, 27(3): 227 (1989), as 'verrucoso-alatum'—China.

MELANOLOMA (Compos.).

- atlantis* (Maire & Weiller) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 1: 8 (1982); *Centaurea atlantis*.

MELANOLOMA :-

- gattefossei* (Maire) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 1: 6 (1982); *Centaurea gattefossei*.
- takredense* (Cosson ex Maire) J. Fernández Casas & A. Susanna de la Serna in *Fontqueria*, 1: 4 (1982); *Centaurea takredensis*.

MELANOSPERMUM O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 482 (1988 publ. 1989). SCROPHULARIACEAE.

- foliosum* (Benth.) O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 482 (1988 publ. 1989); *Polycarena foliosa*.
- italae* O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 482 (1988 publ. 1989)—South Africa (Natal), Swaziland.
- rudolfii* O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 483 (1988 publ. 1989)—South Africa (Transvaal).
- rupestre* (Hiern) O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 483 (1988 publ. 1989); *Phyllopodium rupestre*.
- swazicum* O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 483 (1988 publ. 1989)—Swaziland.
- transvaalense* (Hiern) O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 483 (1988 publ. 1989); *Polycarena transvaalensis*.

MELASMA (Scrophulariac.).

- brevipedicellatum* S. Lisowski & R. Mielcarek in *Fragm. Flor. Geobot.*, 29(2): 215 (1983 publ. 1985)—Zaire.

MELASTOMA (Melastomatac.).

- pentapetalum* (Toyoda) T. Yamazaki & Toyoda in *J. Jap. Bot.*, 62(4): 118 (1987); M. tetramerum var. pentapetalum.

MELICA (Gramin.).

- atrovirens* (Thuill.) Le Turquier de Longchamp, *Fl. Environs de Rouen, Suppl.*: 14 (1825); *Aira atrovirens*.
- bocquetii* S. Talavera in *Lagascalia*, 14(1): 118 (1986)—Spain.
- caerulea* Lamarck, *Tabl. Encycl. Méth. Bot.*, 1: 180 (1791)—Locality not stated.
- glabrescens* (M.A. Torres) M.A. Torres in *Op. Lilloana*, 29: 61 (1980); M. violacea var. *glabrescens*.
- latifolia* Roxb. ex Hornem., *Hort. Hafn., Suppl.*: 117 (1819); cf. D.J. Mabberley in *Taxon*, 33(3): 437 (1984)—Locality not stated.
- montana* Lamarck, *Tabl. Encycl.*, 1: 179 (1791)—Europe.
- nutans*
subsp. grandiflora (Koidzumi) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 515 (1987); M. grandiflora.
- sarmentosa*
var. monticola M.A. Torres in *Op. Lilloana*, 29: 21 (1980)—Argentina.

MELICOPE (Rutac.).

- adscendens* (St. John & Hume) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 120 (1989); *Pelea adscendens*.
- anisata* (H. Mann) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 122 (1989); *Pelea anisata*.
- balloui* (Rock) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 121 (1989); *Pelea balloui*.
- capillacea* (Gillespie) A.C. Smith in *Fl. Vitiensis Nova*, 3: 506 (1985); *Euodia capillacea*.
- christophersenii* (St. John) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 121 (1989); *Pelea christophersenii*.
- cinereops* (St. John) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 120 (1989); *Pelea cinereops*.
- clusiifolia* (A. Gray) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 122 (1989); *Pelea clusiifolia*.
- cruciata* (Heller) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 121 (1989); *Pelea cruciata*.
- cucullata* (Gillespie) A.C. Smith in *Fl. Vitiensis Nova*, 3: 502 (1985); *Euodia cucullata*.
- var. robustior* (A.C. Sm.) A.C. Smith in *Fl. Vitiensis Nova*, 3: 502 (1985); *Euodia cucullata* var. *robustior*.
- degeneri* (B.C. Stone) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 122 (1989); *Pelea degeneri*.

MELICOPE :-

- elleryana* (F. Muell.) T.G. Hartley in *Telopea*, 4(1): 34 (1990); *Euodia elleryana*.
- evansensis* (A.C. Sm.) A.C. Smith in *Fl. Vitiensis Nova*, 3: 505 (1985); *Euodia evansensis*.
- fatuhiensis* (F. Brown) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 123 (1989); *Pelea fatuhiensis*.
- feddei* (Léveillé) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 121 (1989); *Pelea feddei*.
- haleakalae* (B.C. Stone) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 122 (1989); *Pelea haleakalae*.
- haupuensis* (St. John) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 120 (1989); *Pelea haupuensis*.
- hawaiensis* (Wawra) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 121 (1989); *Pelea hawaiensis*.
- hayesii* T.G. Hartley in *Telopea*, 4(1): 33 (1990)—Australia (Queensland, New South Wales).
- hiiakae* (B.C. Stone) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 122 (1989); *Pelea hiiakae*.
- honoluluensis* (St. John) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 121 (1989); *Pelea honoluluensis*.
- inopinata* J. Florence in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 12(1): 30 (1990)—Marquesas Is.
- kaalaensis* (St. John) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 121 (1989); *Pelea kaalaensis*.
- kavaensis* (H. Mann) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 121 (1989); *Pelea kavaensis*.
- knudsenii* (Hillebr.) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 121 (1989); *Pelea knudsenii*.
- lakae* (B.C. Stone) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 122 (1989); *Pelea lakae*.
- littoralis* (Endl.) T.G. Hartley ex P.S. Green in *Kew Bull.*, 45(2): 250 (1990); *Euodia littoralis*.
- lohiauana* (B.C. Stone) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 122 (1989); *Pelea lohiauana*.
- lydgatei* (Hillebr.) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 121 (1989); *Pelea lydgatei*.
- macropus* (Hillebr.) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 121 (1989); *Pelea macropus*.
- makahae* (B.C. Stone) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 121 (1989); *Pelea makahae*.
- mauii* T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 121 (1989), nom. nov.: *Pelea parvifolia* Hillebr.
- micrococca* (F. Muell.) T.G. Hartley in *Telopea*, 4(1): 34 (1990); *Euodia micrococca*.
- molokaiensis* (Hillebr.) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 121 (1989); *Pelea molokaiensis*.
- mucronulata* (St. John) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 121 (1989); *Pelea mucronulata*.
- munroi* (St. John) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 121 (1989); *Pelea munroi*.
- nealae* (B.C. Stone) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 121 (1989); *Pelea nealae*.
- nukuhivensis* (F. Brown) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 123 (1989); *Pelea nukuhivensis*.
- oahuensis* (Léveillé) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 122 (1989); *Pelea oahuensis*.
- obovata* (St. John) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 121 (1989); *Pelea obovata*.
- orbicularis* (Hillebr.) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 121 (1989); *Pelea orbicularis*.
- ovalis* (St. John) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 122 (1989); *Pelea ovalis*.
- ovata* (St. John & Hume) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 121 (1989); *Pelea ovata*.
- pallida* (Hillebr.) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 121 (1989); *Pelea pallida*.
- paniculata* (St. John) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 122 (1989); *Pelea paniculata*.
- peduncularis* (Léveillé) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 122 (1989); *Pelea peduncularis*.
- polybotrya* (C. Moore & F. Muell.) T.G. Hartley ex P.S. Green in *Kew Bull.*, 45(2): 250 (1990); *Euodia polybotrya*.
- pseudoanisata* (Rock) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 121 (1989); *Pelea pseudoanisata*.
- puauluensis* (St. John) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 123 (1989); *Pelea puauluensis*.
- puberula* (St. John) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 121 (1989); *Pelea puberula*.
- quadrangularis* (St. John & Hume) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 122 (1989); *Pelea quadrangularis*.
- radiata* (St. John) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 121 (1989); *Pelea radiata*.
- reflexa* (St. John) T.G. Hartley & B.C. Stone in *Taxon*, 38(1): 122 (1989); *Pelea reflexa*.

MELICOPE :-

- revoluta *J. Florence in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 12(1): 32 (1990)—Marquesas Is.
- rotundifolia (*A. Gray*) *T.G. Hartley & B.C. Stone in Taxon*, 38(1): 122 (1989): *Pelea rotundifolia*.
- saint-johnii (*Hume*) *T.G. Hartley & B.C. Stone in Taxon*, 38(1): 121 (1989): *Pelea saint-johnii*.
- sandwicensis (*Hook. & Arn.*) *T.G. Hartley & B.C. Stone in Taxon*, 38(1): 121 (1989): *Brunellia sandwicensis*.
- seemannii (*Gillespie*) *A.C. Smith in Fl. Vitiensis Nova*, 3: 501 (1985): *Euodia seemannii*.
- vitiensis (*A.C. Sm.*) *A.C. Smith in Fl. Vitiensis Nova*, 3: 503 (1985): *Euodia vitiensis*.
- var. minor (*A.C. Sm.*) *A.C. Smith in Fl. Vitiensis Nova*, 3: 505 (1985): *Euodia vitiensis* var. minor.
- vitiflora (*F. Muell.*) *T.G. Hartley in Telopea*, 4(1): 34 (1990): *Euodia vitiflora*.
- volcanica (*A. Gray*) *T.G. Hartley & B.C. Stone in Taxon*, 38(1): 122 (1989): *Pelea volcanica*.
- waialealae (*Wawra*) *T.G. Hartley & B.C. Stone in Taxon*, 38(1): 122 (1989): *Pelea waialealae*.
- wailauensis (*St. John*) *T.G. Hartley & B.C. Stone in Taxon*, 38(1): 122 (1989): *Pelea wailauensis*.
- wawraeana (*Rock*) *T.G. Hartley & B.C. Stone in Taxon*, 38(1): 122 (1989): *Pelea wawraeana*.
- zahlbruckneri (*Rock*) *T.G. Hartley & B.C. Stone in Taxon*, 38(1): 122 (1989): *Pelea zahlbruckneri*.

MELICYTUS (*Violac.*)

- alpinus (*Kirk*) *P.J. Garnock-Jones in New Zealand J. Bot.*, 25(1): 127 (1987): *Hymenanchera dentata* var. alpina.
- angustifolius (*DC.*) *P.J. Garnock-Jones in New Zealand J. Bot.*, 25(1): 127 (1987): *Hymenanchera angustifolia*.
- chathamicus (*F. Muell.*) *P.J. Garnock-Jones in New Zealand J. Bot.*, 25(1): 127 (1987): *Hymenanchera latifolia* var. chathamica.
- crassifolius (*Hook. f.*) *P.J. Garnock-Jones in New Zealand J. Bot.*, 25(1): 128 (1987): *Hymenanchera crassifolia*.
- obovatus (*Kirk*) *P.J. Garnock-Jones in New Zealand J. Bot.*, 25(1): 128 (1987): *Hymenanchera obovata*.

MELIANTHA (*Opiliac.*)

- longistaminea *W.Z. Li in Acta Bot. Yunnanica*, 11(4): 407 (1989)—China.

MELILOTOIDES (*Legumin.*)

- archiducis-nicolai (*Sirj.*) *G.P. Yakovlev in Rast. Tsentral. Azii*, 8a: 86 (1988): *Medicago archiducis-nicolai*.
- platycarpus
- var. karkarensis (*Semen. ex Vass.*) *G.P. Yakovlev in Rast. Tsentral. Azii*, 8a: 88 (1988): *Trigonella karkarensis*.
- pubescens (*Edgew. ex Baker*) *G.P. Yakovlev in Rast. Tsentral. Azii*, 8a: 88 (1988): *Trigonella pubescens*.
- ruthenica
- var. inschanica (*H.C. Fu & Y.Q. Jiang*) *H.C. Fu & Y.Q. Jiang in Fl. Intramongolica*, Ser. 2, 3: 196 (1989): *Pocockia ruthenica* var. inschanica.
- var. liaosiensis (*P.Y. Fu & Y.A. Chen*) *H.C. Fu & Y.Q. Jiang in Fl. Intramongolica*, Ser. 2, 3: 195 (1989): *Pocockia liaosiensis*.
- var. oblongifolia (*Fr.*) *H.C. Fu & Y.Q. Jiang in Fl. Intramongolica*, Ser. 2, 3: 195 (1989), without basionym ref.: *Basionym* not stated.
- tibetica (*Vass.*) *G.P. Yakovlev in Rast. Tsentral. Azii*, 8a: 89 (1988): *Trigonella tibetica*.

MELILOTUS (*Legumin.*)

- graeca (*Boiss. & Spruner*) *P. Lassen in Willdenowia*, 16(2): 445 (1987): *Pocockia graeca*.
- hamosa (*Bieb.*) *Besser ex Schrad., Ind. Sem. Hort. Acad. Gott.*, 1821: 3 (1821); cf. *D.J. Maberley in Taxon*, 32(1): 85 (1983): *Basionym* not stated.

MELINIA (*Asclepiadac.*)

- iberae *J.L. Fontana in Folia Bot. Geobot. Correntesiana*, 4: 1 (1990)—Argentina.

MELINIS (*Gramin.*)

- sect. *Acutiglumae* *G. Zizka, Revis. Melinideae Hitchcock*: 199 (1987), ineffective publ.; in *Biblioth. Bot.*, 138: 116 (1988).

MELINIS :-

- sect. *Drakensbergenses* *G. Zizka, Revis. Melinideae Hitchcock*: 182 (1987), ineffective publ.; in *Biblioth. Bot.*, 138: 106 (1988).
- sect. *Gossweileri* *G. Zizka, Revis. Melinideae Hitchcock*: 179 (1987), ineffective publ.; in *Biblioth. Bot.*, 138: 104 (1988).
- sect. *Reynaudiopsis* *G. Zizka, Revis. Melinideae Hitchcock*: 186 (1987), ineffective publ.; in *Biblioth. Bot.*, 138: 108 (1988).
- sect. *Roseae* (*Stapf & C.E. Hubbard*) *G. Zizka, Revis. Melinideae Hitchcock*: 84 (1987), ineffective publ.; in *Biblioth. Bot.*, 138: 53 (1988): *Rhynchelytrum* sect. *Roseae*.
- sect. *Setifoliae* (*Stapf & C.E. Hubbard*) *G. Zizka, Revis. Melinideae Hitchcock*: 190 (1987), ineffective publ.; in *Biblioth. Bot.*, 138: 110 (1988): *Rhynchelytrum* sect. *Setifoliae*.
- sect. *Tanatrichae* (*Stapf & C.E. Hubbard*) *G. Zizka, Revis. Melinideae Hitchcock*: 205 (1987), ineffective publ.; in *Biblioth. Bot.*, 138: 120 (1988): *Rhynchelytrum* sect. *Tanatrichae*.
- sect. *Trachytrophae* (*Stapf & C.E. Hubbard*) *G. Zizka, Revis. Melinideae Hitchcock*: 121 (1987), ineffective publ.; in *Biblioth. Bot.*, 138: 72 (1988): *Rhynchelytrum* sect. *Trachytrophae*.
- sect. *Trichocraspedae* (*Stapf & C.E. Hubbard*) *G. Zizka, Revis. Melinideae Hitchcock*: 214 (1987), ineffective publ.; in *Biblioth. Bot.*, 138: 124 (1988): *Rhynchelytrum* sect. *Trichocraspedae*.
- ambigua
- subsp. *longicauda* (*Mez*) *G. Zizka, Revis. Melinideae Hitchcock*: 152 (1987), ineffective publ.; in *Biblioth. Bot.*, 138: 90 (1988): *Panicum longicaudum*.
- amethystea* (*Franchet*) *G. Zizka, Revis. Melinideae Hitchcock*: 199 (1987), ineffective publ.; in *Biblioth. Bot.*, 138: 116 (1988): *Tricholaena amethystea*.
- kallimorpha* (*W.D. Clayton*) *G. Zizka, Revis. Melinideae Hitchcock*: 110 (1987), ineffective publ.; in *Biblioth. Bot.*, 138: 64 (1988): *Rhynchelytrum kallimorpha*.
- longiseta* (*A. Richard*) *G. Zizka, Revis. Melinideae Hitchcock*: 124 (1987), ineffective publ.; in *Biblioth. Bot.*, 138: 73 (1988): *Tricholaena longiseta*.
- subsp. *bellespicata* (*Rendle*) *G. Zizka, Revis. Melinideae Hitchcock*: 130 (1987), ineffective publ.; in *Biblioth. Bot.*, 138: 78 (1988): *Tricholaena bellespicata*.
- nerviglumis* (*Franchet*) *G. Zizka, Revis. Melinideae Hitchcock*: 190 (1987), ineffective publ.; in *Biblioth. Bot.*, 138: 111 (1988): *Tricholaena nerviglumis*.
- repens* (*Willdenow*) *G. Zizka, Revis. Melinideae Hitchcock*: 86 (1987), ineffective publ.; in *Biblioth. Bot.*, 138: 55 (1988): *Saccharum repens*.
- subsp. *grandiflora* (*Hochstetter*) *G. Zizka, Revis. Melinideae Hitchcock*: 101 (1987), ineffective publ.; in *Biblioth. Bot.*, 138: 60 (1988): *Rhynchelytrum grandiflorum*.
- subsp. *maroccana* (*Maire & Samuelsson*) *G. Zizka, Revis. Melinideae Hitchcock*: 107 (1987), ineffective publ.; in *Biblioth. Bot.*, 138: 62 (1988): *Tricholaena maroccana*.
- subsp. *nigricans* (*Mez*) *G. Zizka, Revis. Melinideae Hitchcock*: 109 (1987), ineffective publ.; in *Biblioth. Bot.*, 138: 64 (1988): *M. nigricans*.
- reynaudioides* (*C.E. Hubbard*) *G. Zizka, Revis. Melinideae Hitchcock*: 186 (1987), ineffective publ.; in *Biblioth. Bot.*, 138: 108 (1988): *Rhynchelytrum reynaudioides*.
- rupicola* (*Rendle*) *G. Zizka, Revis. Melinideae Hitchcock*: 210 (1987), ineffective publ.; in *Biblioth. Bot.*, 138: 124 (1988): *Tricholaena rupicola*.
- tanatricha* (*Rendle*) *G. Zizka, Revis. Melinideae Hitchcock*: 206 (1987), ineffective publ.; in *Biblioth. Bot.*, 138: 122 (1988): *Tricholaena tanatricha*.

MELIOSMA (*Meliomac.*)

- caldasii* *J.M. Idrobo in Mutisia*, 72: 2 (1988)—Colombia.
- caucana* *J. Cuatrecasas & J.M. Idrobo in Ernstia*, 49: 8 (1988)—Colombia.
- corymbosa* *A.H. Gentry in Ann. Missouri Bot. Gard.*, 73(4): 821 (1986 publ. 1987)—Nicaragua.
- cundinamarcensis* *J. Cuatrecasas & J.M. Idrobo in Ernstia*, 49: 12 (1988)—Colombia.

MELIOSMA :-

- cuneifolia*
- var. *multinervia* (*Beus.*) *Law ex C.Y. Chang in Fl. Sichuanica*, 4: 172 (1988): *M. dilleniifolia* var. *multinervia*.
- echeverryana* *J. Cuatrecasas in Phytologia*, 64(6): 489 (1988)—Colombia.
- hartshornii* *A.H. Gentry in Ann. Missouri Bot. Gard.*, 73(4): 820 (1986 publ. 1987)—Costa Rica.
- lauri*
- var. *megaphylla* *H.W. Li ex S.K. Chen in Fl. Yunnanica*, 4: 308 (1986)—China.
- lindae* *J. Cuatrecasas in Phytologia*, 64(6): 491 (1988)—Colombia.
- martana* *J.M. Idrobo & J. Cuatrecasas in Ernstia*, 49: 11 (1988)—Colombia.
- nanarum* *A.H. Gentry in Ann. Missouri Bot. Gard.*, 73(4): 821 (1986 publ. 1987)—Nicaragua.
- oldhamii*
- var. *hachijoensis* (*Nakai*) *Jotani & H. Ohba in J. Jap. Bot.*, 64(11): 327 (1989): *M. hachijoensis*.
- peytonii* *A.H. Gentry in Ann. Missouri Bot. Gard.*, 73(4): 822 (1986 publ. 1987)—Peru.
- solomonii* *A.H. Gentry in Ann. Missouri Bot. Gard.*, 73(4): 823 (1986 publ. 1987)—Bolivia.
- thomsonii*
- var. *trichocarpa* (*Hand.-Mazz.*) *C.Y. Wu & S.K. Chen in Fl. Yunnanica*, 4: 306 (1986): *M. trichocarpa*.
- vasquezii* *A.H. Gentry in Ann. Missouri Bot. Gard.*, 73(4): 823 (1986 publ. 1987)—Peru.
- wurdackii* *J. Cuatrecasas in Phytologia*, 64(6): 492 (1988)—Peru.
- xichouensis* *H.W. Li ex S.K. Chen in Fl. Yunnanica*, 4: 312 (1986)—China.
- yunnanensis*
- var. *fischeriana* (*Rehd. & Wils.*) *C.Y. Chang in Fl. Sichuanica*, 4: 167 (1988): *M. fischeriana*.

MELISSITUS (*Legumin.*)

- liaosiensis* (*P.Y. Fu & Y.A. Chen*) *P.Y. Fu & Y.A. Chen in Fl. Liaoningica, chief ed. S.X. Li*, 1: 901 (1988), isonym; see *G.P. Yakovlev in Novosti Sist. Vyssh. Rast.*, 16: 138 (1979): *Pocockia liaosiensis*.
- ruthenicus* (*L.*) *C.W. Chang in Fl. Tsinlingensis*, 1(3): 23 (1981): *Trigonella ruthenica*.
- var. *inschanica* (*H.C. Fu & Y.C. Tsiang*) *H.C. Fu & Y.C. Tsiang in Acta Sci. Nat. Univ. Intramongolicae*, 18(2): 391 (1987): *Pocockia ruthenica* var. *inschanica*.
- var. *liaosiensis* (*P.Y. Fu & Y.A. Chen*) *X.P. Jiang in Fl. Beijing*, 1: 429 (1984), without basionym ref.: *Pocockia liaosiensis*.
- var. *liaosiensis* (*P.Y. Fu & Y.A. Chen*) *H.C. Fu & Y.C. Tsiang in Acta Sci. Nat. Univ. Intramongolicae*, 18(2): 391 (1987): *Pocockia liaosiensis*.
- var. *oblongifolia* (*Fr.*) *H.C. Fu & Y.C. Tsiang in Acta Sci. Nat. Univ. Intramongolicae*, 18(2): 391 (1987): *Trigonella ruthenica* f. *oblongifolia*.

MELLA (*Scrophulariac.*)

- beccabunga* (*Griseb.*) *N.N. Tsvetlev in Bot. Zhurn.*, 72(12): 1665 (1987): *Herpestis beccabunga*.
- sessiliflora* (*Benth.*) *N.N. Tsvetlev in Bot. Zhurn.*, 72(12): 1665 (1987): *Herpestis sessiliflora*.
- stemodioides* (*Penn.*) *N.N. Tsvetlev in Bot. Zhurn.*, 72(12): 1665 (1987): *Caconapea stemodioides*.

MELOCACTUS (*Cactac.*)

- azureus*
- var. *krainzianus* (*Buining & Brederoo*) *P.J. Braun in Bradleya*, 6: 94 (1988): *M. krainzianus*.
- deinacanthus*
- subsp. *forschuetzianus* (*Buining & Brederoo*) *P.J. Braun in Bradleya*, 6: 94 (1988): *M. forschuetzianus*.
- subsp. *longicarpus* (*Buining & Brederoo*) *P.J. Braun in Bradleya*, 6: 94 (1988): *M. longicarpus*.
- f. *mulequensis* (*Buining & Brederoo*) *P.J. Braun in Bradleya*, 6: 94 (1988): *M. mulequensis*.
- diersianus*
- f. *rubrispinus* (*Ritter*) *P.J. Braun in Bradleya*, 6: 94 (1988): *M. rubrispinus*.
- estesvii* *P.J. Braun in Kakt. And. Sukk.*, 41(1): 9 (1990 publ. 1989)—Brazil.
- lanssensianus* *P.J. Braun in Succulenta*, 65(2): 26 (1986)—Brazil.

MELOCACTUS :-

- oreas*
f. azulensis (Buining et al.) P.J. Braun in *Bradleya*, 6: 95 (1988); *M. azulensis*.
subsp. cremnophilus (Buining & Brederoo) P.J. Braun in *Bradleya*, 6: 95 (1988); *M. cremnophilus*.
subsp. ernestii (Vaupeul) P.J. Braun in *Bradleya*, 6: 95 (1988); *Melocactus ernestii*.
f. erythracanthus (Buining & Brederoo) P.J. Braun in *Bradleya*, 6: 95 (1988); *M. erythracanthus*.
var. longispinus (Buining et al.) P.J. Braun in *Bradleya*, 6: 95 (1988); *M. longispinus*.
subsp. rubrisaetosus (Buining et al.) P.J. Braun in *Bradleya*, 6: 95 (1988); *M. rubrisaetosus*.
pruinosus
var. concinnus (Buining & Brederoo) P.J. Braun in *Bradleya*, 6: 95 (1988); *M. concinnus*.
ruestii
subsp. cinalapensis J. Elizondo E. in *Cact. Suc. Mex.*, 31(3): 54 (1986)—Mexico.
subsp. maxonii (Rose) J. Elizondo E. in *Cact. Suc. Mex.*, 31(3): 53 (1986); *Cactus maxonii*.
subsp. oaxacensis (Britton & Rose) J. Elizondo E. in *Cact. Suc. Mex.*, 31(3): 52 (1986); *Cactus oaxacensis*.
subsp. sanctae-rosae (L.D. Gómez) J. Elizondo E. in *Cact. Suc. Mex.*, 31(3): 54 (1986); *M. maxonii* var. *sanctae-rosae*.
zehntneri
subsp. canescens (Ritter) P.J. Braun in *Bradleya*, 6: 98 (1988); *M. canescens*.
var. curvicornis (Buining & Brederoo) P.J. Braun in *Bradleya*, 6: 98 (1988); *M. curvicornis*.
subsp. robustispinus (Buining et al.) P.J. Braun in *Bradleya*, 6: 98 (1988); *M. robustispinus*.

MELOCALAMUS (Gramin.).

- arrectus* T.P. Yi in *Acta Bot. Yunnanica*, 10(4): 440 (1988)—China.
indicus R.B. Majumder in *Bull. Bot. Surv. India*, 25(1-4): 236 (1983 publ. 1985)—Assam, India.

MELOCHIA (Sterculiac.).

- diffusa* Colla, *Hort. Rip.*: 88 (1824); cf. D.J. Mabberley in *Taxon*, 30(1): 16 (1981)—Locality not stated.
oaxacana L.J. Dorr & L.C. Barnett in *Brittonia*, 41(4): 420 (1989)—Mexico.
spicata (L.) P.A. Fryxell, *Malvac. of Mexico* (Syst. Bot. Monog., 25): 457 (1988); *Malva spicata*.

MELODINUS (Apocynac.).

- hemsleyanus*
var. bachthaiensis Trân Đình Lý in *Feddes Repert.*, 97(7-8): 413 (1986), without latin descr.—Vietnam.

MELOLOBIUM (Legumin.).

- involutratum* (Thunb.) C.H. Stirton in *S. Afr. J. Bot.*, 52(4): 355 (1986), as '(Harv.): *Psoralea involutrata*.

MELOTHRIA (Cucurbitac.).

- javanica*
var. scabra (Chakravarty) H.B. Naithani, *Flow. Pl. India, Nepal & Bhutan*: 179 (1990); *M. assamica* var. *scabra*.

MEMECYLON (Melastomatac.).

- arnhemensis* T. Whiffin in *Fl. Australia*, 18: 325, 255 (1990)—Australia (N. Terr.).
hylandii T. Whiffin in *Fl. Australia*, 18: 325, 255 (1990)—Australia (Queensland).
randieriana S.M. Almeida & M.R. Almeida in *J. Bombay Nat. Hist. Soc.*, 85(3): 521 (1988 publ. 1989), nom. nov.: *M. malabaricum* Cogn.
umbellatum
var. contractum (Haines) D.M. Verma in *D.M. Verma, P.C. Pant & M.I. Hanfi, Fl. Raipur, Durg & Rajnandgaon*: 148 (1985); *M. edule* var. *contractum*.

MENDONCIA (Acanthac.).

- antioquiensis* D.C. Wasshausen in *Brittonia*, 41(4): 331 (1989)—Colombia.
coriacea D.C. Wasshausen in *Ann. Missouri Bot. Gard.*, 76(4): 1123 (1989)—Venezuela.

MENDONCIA :-

- neblinensis* D.C. Wasshausen in *Ann. Missouri Bot. Gard.*, 76(4): 1120 (1989)—Venezuela.
rizziniana S.R. Profice in *Rev. Brasil. Biol.*, 48(2): 397 (1988)—Brazil.
steyermarkii D.C. Wasshausen in *Ann. Missouri Bot. Gard.*, 76(4): 1120 (1989)—Venezuela.
williamsii D.C. Wasshausen in *Ann. Missouri Bot. Gard.*, 76(4): 1121 (1989)—Venezuela.
zaruchii D.C. Wasshausen in *Brittonia*, 41(4): 331 (1989)—Colombia.

MENISPERMUM (Menispermac.).

- acutum* C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 892 (1784)—Japan.†
japonicum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 892 (1784)—Japan.†
platyphyllum (St. Hil.) Mart., *Consp. Reg. Veg.*: 42 (1835); cf. D.J. Mabberley in *Taxon*, 30(1): 16 (1981); *Basionym* not stated.
trilobum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 892 (1784)—Japan.†

MENONVILLEA (Crucif.).

- rollinsii* I.A. Al-Shehbaz & C. Marticorena in *J. Arnold Arbor.*, 71(1): 135 (1990)—Chile.

MENTHA (Labiata.).

- aquatica*
var. subdentata R. Jančić in *Glasn. Prir. Muz. Beogradu*, B, 39: 33 (1984)—Yugoslavia.
cinerea P. Baltasar Merino, *Algunas Pl. Rar. ... de La Guardia (Pontevedra)*: 28 (1895)—Spain.†
haplocalyx
f. alba X.L. Liu & X.H. Guo in *Guihaia*, 9(4): 301 (1989)—China.
mozaffarianii Z. Jamzad in *Iranian J. Bot.*, 3(2): 114 (1987)—Iran.
pallida Nees ex Mart., *Hort. Acad. Erlangen*: 121 (1814); cf. D.J. Mabberley in *Taxon*, 33(3): 442 (1984)—Locality not stated.

× *piperita*

- var. ouweneelii* J. Lebeau & J. Lambinon in *Soc. Ech. Pl. Vasc. Eur. Bassin Médit. Bull.*, 22: 21 (1986-87 publ. 1988)—Belgium.

× *rotundifolia*

- var. webberi* (Fraser) R. Harley in *W. Scott & R. Palmer, Flow. plants & ferns of Shetland Is.*: 246 (1987); *M. × niliaca* var. *webberi*.
serbica R. Jančić in *Glasn. Prir. Muz. Beogradu*, B, 43-44: 30 (1988-89 publ. 1989)—Yugoslavia.

× *villosa*

- var. nicholsoniana* (Strail) R.M. Harley in *Watsonia*, 18(2): 212 (1990); *M. nicholsoniana*.

MENTZELIA (Loasac.).

- bartonioides* (Zucc.) Lehm., *Del. Sem. Hort. Hamb.*, 1850: 6 (1850); cf. D.J. Mabberley in *Taxon*, 33(3): 442 (1984); *Euclide bartonioides*.
cronquistii H. Thompson & B. Prigge in *Great Basin Nat.*, 46(3): 550 (1986)—U.S.A. (Utah, Colorado, Arizona, New Mexico).
marginata (Osterhout) H. Thompson & B. Prigge in *Great Basin Nat.*, 46(3): 549 (1986); *Nuttallia marginata*.
multicaulis
var. librina K.H. Thorne & F.J. Smith in *Great Basin Nat.*, 46(3): 556 (1986)—U.S.A. (Utah).
pumila
var. lagarosa K.H. Thorne in *Great Basin Nat.*, 46(3): 558 (1986)—U.S.A. (Utah, Nevada).
shultziorum B.A. Prigge in *Great Basin Nat.*, 46(2): 361 (1986)—U.S.A. (Utah).

MENZIESIA (Ericac.).

- katsumatae* M. Tashiro & H. Hatta in *Bot. Mag. Tokyo*, 99(1053): 29 (1986)—Japan.
f. duplex (Satomi & M. Hashimoto) N. Satomi in *J. Phytogeogr. Taxon.*, 36(2): 112 (1988); *M. multiflora* f. *duplex*.
yakushimensis M. Tashiro & H. Hatta in *Bot. Mag. Tokyo*, 99(1053): 33 (1986)—Japan.

MERCURIALIS (Euphorbiac.).

- leiocarpa*
var. trichocarpa W.T. Wang in *Acta Bot. Yunnanica*, 10(1): 39 (1988)—China.

MERENDERA (Colchicac.).

- mirzoevae* E.Ts. Gabriélyan in *Biol. Zhurn. Arm.*, 39(7): 582 (1986)—U.S.S.R. (Caucasus).
robusta A. Bunge, *Beitr. Fl. Russl.*: 339 (1852)—U.S.S.R. (Middle Asia).†

MERIANIA (Melastomatac.).

- albertiae* J.J. Wurdack in *Phytologia*, 64(4): 293 (1988)—Colombia.
aracaensis J.J. Wurdack in *Acta Amazonica*, 16-17: 223 (1986-87 publ. 1987)—Brazil.
brevipedunculata W.S. Judd & J.D. Skean in *Syst. Bot.*, 12(3): 374 (1987)—Hispaniola (Haiti).
crassiramis (Naud.) J.J. Wurdack in *Brittonia*, 39(2): 159 (1987); *Davya crassiramis*.
parvifolia W.S. Judd & J.D. Skean in *Syst. Bot.*, 12(3): 377 (1987)—Hispaniola (Haiti).

MERINTHOPODIUM (Solanac.).

- vogelii* (Cuatrecasas) R. Castillo & R.E. Schultes in *Rhodora*, 88(854): 292 (1986); *Markea vogelii*.

MERREMIA (Convolvulac.).

- austini* J.A. McDonald in *Brittonia*, 39(1): 106 (1987)—Mexico.
eberhardtii (Gagnep.) N.T. Nhan in *L.V. Aver'yanov, N.T. Ban & E.P. Kudryavtseva, Mater. Fl. Rast. Ostrov. Vietnam*: 43 (1988); *Ipomoea eberhardtii*.
gracilis E.J.F. Campbell & G. Argent in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 345 (1988 publ. 1989)—Borneo (Sabah).
pavonii (H. Hallier) D.F. Austin & G.W. Staples in *J. Arnold Arbor.*, 67(2): 264 (1986); *Operculina pavoni*.
rajasthanensis M.M. Bhandari in *J. Bombay Nat. Hist. Soc.*, 84(3): 645 (1987 publ. 1988)—India.
sibirica
var. jiuhuaensis B.A. Shen & X.L. Liu in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(3): 83 (1987)—China.
verruculosa S.Y. Liu in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 133 (1987)—China.

MERTENSIA (Boraginac.).

- davurica*
var. ochroleuca (Ik.-Gal.) I.A. Gubanov in *L.G. Byazrov et al., Fl. Khangaya*: 141 (1989); *M. ochroleuca*.
lanceolata
var. nivalis (Wats.) L.C. Higgins in *Great Basin Nat.*, 46(2): 255 (1986); *M. paniculata* var. *nivalis*.

MESOSETUM (Gramin.).

- alatum* T.S. Filgueiras in *Brittonia*, 39(2): 306 (1987)—Brazil.
longiaristatum T.S. Filgueiras in *Brittonia*, 39(2): 308 (1987)—Brazil.

MESOSTEMMA (Caryophyllac.).

- kotschyianum*
subsp. pycnanthum K.H. Rechinger in *Fl. Iran.*, 163: 84 (1988)—Afghanistan, Pakistan.

MESPILUS (Rosac.).

- acuminata* (Lindl.) Ohlendorff, *Verz. Baum. Hamb. Bot. Gart.*, 1832: 17 (1832); cf. D.J. Mabberley in *Taxon*, 33(3): 442 (1984); *Cotoneaster acuminatus*.
canescens J.B. Phipps in *Syst. Bot.*, 15(1): 26 (1990)—U.S.A. (Arkansas).
frigida (Wall.) Ohlendorff, *Verz. Baum. Hamb. Bot. Gart.*, 1832: 18 (1832); cf. D.J. Mabberley in *Taxon*, 33(3): 442 (1984); *Cotoneaster frigida*.
japonica C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 466 (1784)—Japan.†
microphylla (Lindl.) Ohlendorff, *Verz. Baum. Hamb. Bot. Gart.*, 1832: 18 (1832); cf. D.J. Mabberley in *Taxon*, 33(3): 442 (1984); *Cotoneaster microphyllus*.

MESSERSCHMIDIA (Boraginac.).

- sibirica*
var. angustior (DC.) W.T. Wang in *Fl. Reipubl. Popul. Sin.*, 64(2): 34 (1989); *Tournefortia arguzia* var. *angustior*.

MESUA (Guttif.).

- ferrea
var. coromandeliana (Wt.) N.P. Singh in *J. Econ. Taxon. Bot.*, 10(1): 203 (1987 publ. 1988): M. coromandeliana.
 pustulata (Ridley) T.C. Whitmore in T.C. Whitmore et al. (eds.), *Tree Fl. Indonesia: Sulawesi Check List*: 56 (1989), as 'pustulatum': Calophyllum pustulatum.

METADACRYDIUM M.G. Baumann-Bodenheim, *Syst. Fl. Neu-Caledonien*, 5: 76 (1989), nom. nov., without replaced synonymy ref.: Dacrydium author not stated (Podocarpaceae).

- aracarioides (Brongn. & Gris) M.G. Baumann-Bodenheim, *Syst. Fl. Neu-Caledonien*, 5: 76 (1989), generic name not validly publ.: Dacrydium aracarioides.
 balansae (Brongn. & Gris) M.G. Baumann-Bodenheim, *Syst. Fl. Neu-Caledonien*, 5: 76 (1989), generic name not validly publ.: Dacrydium balansae.

METALASIA (Compos.).

- acuta P.O. Karis in *Op. Bot.*, 99: 94 (1989)—South Africa (Cape Province).
 albescens P.O. Karis in *Op. Bot.*, 99: 60 (1989)—South Africa (Cape Province).
 calcicola P.O. Karis in *Op. Bot.*, 99: 114 (1989)—South Africa (Cape Province).
 densa (Lam.) P.O. Karis in *Op. Bot.*, 99: 89 (1989): Gnaphalium densum.
 divergens
subsp. fusca P.O. Karis in *Op. Bot.*, 99: 135 (1989)—South Africa (Cape Province).
 humilis P.O. Karis in *Op. Bot.*, 99: 38 (1989)—South Africa (Cape Province).
 inversa P.O. Karis in *Op. Bot.*, 99: 137 (1989)—South Africa (Cape Province).
 luteola P.O. Karis in *Op. Bot.*, 99: 112 (1989)—South Africa (Cape Province).
 montana P.O. Karis in *Op. Bot.*, 99: 102 (1989)—South Africa (Cape Province).
 oligocephala P.O. Karis in *Op. Bot.*, 99: 36 (1989)—South Africa (Cape Province).
 phillipsii
subsp. incurva (Pillans) P.O. Karis in *Op. Bot.*, 99: 48 (1989): M. incurva.
 plicata P.O. Karis in *Op. Bot.*, 99: 108 (1989)—South Africa (Cape Province).
 pulchella (Cass.) P.O. Karis in *Op. Bot.*, 99: 127 (1989): Endoleuca pulchella.
 pulcherrima
f. pallescens (Harv.) P.O. Karis in *Op. Bot.*, 99: 87 (1989): M. pulcherrima *var. a* pallescens.
 serrata P.O. Karis in *Op. Bot.*, 99: 48 (1989)—South Africa (Cape Province).
 serrulata P.O. Karis in *Op. Bot.*, 99: 58 (1989)—South Africa (Cape Province).
 tenuis P.O. Karis in *Op. Bot.*, 99: 44 (1989)—South Africa (Cape Province).
 trivialis P.O. Karis in *Op. Bot.*, 99: 118 (1989)—South Africa (Cape Province).
 umbelliformis P.O. Karis in *Op. Bot.*, 99: 123 (1989)—South Africa (Cape Province).

METALONICERA M. Wang & A.G. Gu in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 204 (1988). **CAPRIFOLIACEAE**.

- edulis (Turcz. ex Freyn) M. Wang & A.G. Gu in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 204 (1988): Lonicera edulis.

METAPORANA (Convolvulac.).

- obtusa (Balf. f.) G.W. Staples in *J. Arnold Arbor.*, 71(2): 253 (1990): Porana obtusa.

METASASA W.T. Lin in *Acta Phytotax. Sin.*, 26(2): 144 (1988). **GRAMINEAE**.

- albofarinosa W.T. Lin in *Guihaia*, 10(1): 19 (1990), as 'albo-farinosa'—China.
 carinata W.T. Lin in *Acta Phytotax. Sin.*, 26(2): 145 (1988)—China.

METASTELMA (Asclepiadac.).

- broadwayi (Schltr.) R.A. Howard, *Fl. Lesser Antilles (Dicot. 3)*, 6: 128 (1989): Decastelma broadwayi.

METASTELMA :-

- giuliettianum J. Fontella Pereira in *Phytologia*, 59(4): 224 (1986)—Brazil.
 harleyi J. Fontella Pereira in *Phytologia*, 59(4): 225 (1986)—Brazil.
 infimicola (L.O. Williams) W.D. Stevens in *Phytologia*, 64(5): 335 (1988): Cynanchum infimicola.
 miserum (L.O. Williams) W.D. Stevens in *Phytologia*, 64(5): 335 (1988): Cynanchum miserum.
 rubens (L.O. Williams) W.D. Stevens in *Phytologia*, 64(5): 335 (1988): Cynanchum rubens.
 sepium (Decaisne) W.D. Stevens in *Phytologia*, 64(5): 335 (1988): Vincetoxicum sepium.
 stenomeris (Standley & Steyermark) W.D. Stevens in *Phytologia*, 64(5): 335 (1988): Cynanchum stenomeris.
 trichophyllum (L.O. Williams) W.D. Stevens in *Phytologia*, 64(5): 335 (1988): Cynanchum trichophyllum.

METROSIDEROS (Myrtac.).

- bartlettii J.W. Dawson in *New Zealand J. Bot.*, 23(4): 607 (1986 publ. 1986)—New Zealand.
 polymorpha
var. dieteri J. Wyndham Dawson & L. Stiemermann in *Bishop Mus. Occas. Pap.*, 29: 108 (1989)—Hawaiian Is.
var. pumila (A. Heller) J. Wyndham Dawson & L. Stiemermann in *Bishop Mus. Occas. Pap.*, 29: 108 (1989): Nania pumila.
 sclerocarpa Dawson ex P.S. Green in *Kew Bull.*, 45(2): 244 (1990)—Lord Howe Is.
 waialealae
var. fauriei (H. Lévl.) J. Wyndham Dawson & L. Stiemermann in *Bishop Mus. Occas. Pap.*, 29: 109 (1989): Nania × fauriei.

METROXYLON (Palmae).

- sagu
f. longispinum (Giseke) J.B. Rauwerdink in *Principes*, 30(4): 175 (1986): Sagus genuina longispina.
f. micracanthum (Blume) J.B. Rauwerdink in *Principes*, 30(4): 175 (1986): Sagus micracantha.
f. tuberatum J.B. Rauwerdink in *Principes*, 30(4): 175 (1986)—New Guinea (Papua New Guinea).

METTENIUSA (Icacinac.).

- cundinamarcensis G. Lozano-C. in *Fl. Colombia*, 11: 32 (1988)—Colombia.
 huilensis G. Lozano-C. in *Fl. Colombia*, 11: 36 (1988)—Colombia.
 santanderensis G. Lozano-C. in *Fl. Colombia*, 11: 38 (1988)—Colombia.

METTERNICHIA (Solanac.).

- princeps
var. macrocalyx L. d'Avila Freire de Carvalho in W.G. D'Arcy, *Solanaceae: biol. & syst.*: 12 (1986)—Brazil.

MEXERION G.L. Nesom in *Phytologia*, 68(4): 249 (1990). **COMPOSITAE**.

- mexicanum G.L. Nesom in *Phytologia*, 68(4): 250 (1990)—Mexico.
 sarmentosum (Klatt) G.L. Nesom in *Phytologia*, 68(4): 252 (1990): Gnaphalium sarmentosum.

MEZILAUROS (Laurac.).

- caatingae H. van der Werff in *Ann. Missouri Bot. Gard.*, 74(1): 159 (1987)—Brazil.
 duckei H. van der Werff in *Ann. Missouri Bot. Gard.*, 74(1): 162 (1987)—Brazil.
 glaucophylla H. van der Werff in *Ann. Missouri Bot. Gard.*, 74(1): 164 (1987)—Costa Rica.
 mahuba (Samp.) H. van der Werff in *Ann. Missouri Bot. Gard.*, 74(1): 169 (1987): Acrodiclidium mahuba.
 micrantha H. van der Werff in *Ann. Missouri Bot. Gard.*, 74(1): 170 (1987)—Brazil.
 opaca Kubitzki & H. van der Werff in *Ann. Missouri Bot. Gard.*, 74(1): 171 (1987)—Peru.
 palcazuensis H. van der Werff in *Ann. Missouri Bot. Gard.*, 74(1): 173 (1987)—Peru.
 pyriformis H. van der Werff in *Ann. Missouri Bot. Gard.*, 74(1): 174 (1987)—Brazil.
 quadrilocellata H. van der Werff in *Ann. Missouri Bot. Gard.*, 74(1): 176 (1987)—Colombia.

MEZILAUROS :-

- thoroflora H. van der Werff in *Ann. Missouri Bot. Gard.*, 74(1): 179 (1987), nom. nov.: Licaria maguireana Allen.

MEZONEURON (Legumin.).

- montrouzieri A. Guillaumin in *Ann. Soc. Bot. Lyon*, 38: 87 (1913 publ. 1914); et *Sp. Montrouzi.*: 13 (1914) (reprint)—New Caledonia.†

MEZZETIA (Annonac.).

- macrocarpa E. van der Heijden & P.J.A. Kessler in *Blumea*, 35(1): 225 (1990)—Borneo (Sabah, Sarawak, Brunei).

MICHELIA (Magnoliac.).

- amoenna Q.F. Zheng & M.M. Lin in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 63 (1987)—China.
 angustiolobata Y.W. Law & Y.F. Wu in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 97 (1986)—China.
 balansae
var. brevipes B.L. Chen in *Acta Sci. Nat. Univ. Sunyatseni*, 1988(1): 112 (1988)—China.
 brachyandra B.L. Chen & S.C. Yang in *Acta Sci. Nat. Univ. Sunyatseni*, 1988(3): 98 (1988)—China.
 brevipes Y.K. Li & X.M. Wang in *Acta Phytotax. Sin.*, 25(5): 408 (1987)—China.
 calcicola C.Y. Wu ex Y.W. Law & Y.F. Wu in *Acta Bot. Yunnanica*, 10(3): 339 (1988)—China.
 chartacea B.L. Chen & S.C. Yang in *Acta Sci. Nat. Univ. Sunyatseni*, 1988(3): 97 (1988)—China.
 coriacea Chang & B.L. Chen in *Acta Sci. Nat. Univ. Sunyatseni*, 1987(3): 89 (1987)—China.
 elegans Y.W. Law & Y.F. Wu in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 71 (1988)—China.
 flaviflora Y.W. Law & Y.F. Wu in *Acta Bot. Yunnanica*, 10(3): 340 (1988)—China, Vietnam.
 foveolata
var. cinerascens Y.W. Law & Y.F. Wu in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 99 (1986)—China.
 fulva Chang & B.L. Chen in *Acta Sci. Nat. Univ. Sunyatseni*, 1987(3): 87 (1987)—China.
 ingrata B.L. Chen & S.C. Yang in *Acta Sci. Nat. Univ. Sunyatseni*, 1988(3): 95 (1988)—China.
 iteophylla C.Y. Wu ex Y.W. Law & Y.F. Wu in *Acta Bot. Yunnanica*, 10(3): 337 (1988)—China.
 laevifolia Y.W. Law & Y.F. Wu in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 72 (1988)—China.
 longipetiolata C.Y. Wu ex Y.W. Law & Y.F. Wu in *Acta Bot. Yunnanica*, 10(3): 336 (1988)—China.
 longistyla Y.W. Law & Y.F. Wu in *Acta Bot. Yunnanica*, 10(3): 341 (1988)—China.
 microcarpa B.L. Chen & S.C. Yang in *Acta Sci. Nat. Univ. Sunyatseni*, 1988(3): 96 (1988)—China.
 nitida B.L. Chen in *Acta Sci. Nat. Univ. Sunyatseni*, 1988(1): 111 (1988)—China.
 oblongifolia Chang & B.L. Chen in *Acta Sci. Nat. Univ. Sunyatseni*, 1987(3): 86 (1987)—China.
 opipara Chang & B.L. Chen in *Acta Sci. Nat. Univ. Sunyatseni*, 1987(3): 90 (1987)—China.
 pachycarpa Y.W. Law & R.Z. Zhou in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 85 (1987)—China.
 polyneura C.Y. Wu ex Y.W. Law & Y.F. Wu in *Acta Bot. Yunnanica*, 10(3): 340 (1988)—China.
 sphaerantha C.Y. Wu ex Z.S. Yue in *Acta Bot. Yunnanica*, 9(4): 413 (1987), with two types cited—China.
 sphaerantha C.Y. Wu ex Y.W. Law & Y.F. Wu in *Acta Bot. Yunnanica*, 10(3): 335 (1988)—China.
 xanthantha C.Y. Wu ex Y.W. Law & Y.F. Wu in *Acta Bot. Yunnanica*, 10(3): 338 (1988)—China.

MICONIA (Melastomatac.).

- aliquantula J.F. Wurdack in *Brittonia*, 39(2): 161 (1987), nom. nov.: Tschudya pulverulenta DC.
 auritinoda J.F. Wurdack in *Phytologia*, 64(4): 298 (1988)—Ecuador.
 boomii J.F. Wurdack in *Brittonia*, 40(1): 9 (1988)—Bolivia.
 cacatin (Aublet) S.S. Renner in *Mem. New York Bot. Gard.*, 50: 29 (1989): Melastoma cacatin.
 cacumina J.F. Wurdack in *Phytologia*, 64(4): 296 (1988)—Guyana.
 calocoma F. Almeda in *Proc. Calif. Acad. Sci.*, Ser. 4, 46(5): 144 (1989)—Costa Rica.
 crebrilobata J.F. Wurdack in *Phytologia*, 64(4): 298 (1988)—Ecuador.

MICONIA :-

- dissitiflora *F. Almeda in Proc. Calif. Acad. Sci.*, Ser. 4, 46(5): 146 (1989)—Costa Rica.
 globuliflora
 var. dominicae *R.A. Howard & E.A. Kellogg in J. Arnold Arbor.*, 67(2): 242 (1986)—Windward Is., Leeward Is., Trinidad.
 var. vulcanica (*Naudin*) *R.A. Howard & E.A. Kellogg in J. Arnold Arbor.*, 67(2): 243 (1986): *M. vulcanica*.
 grayumii *F. Almeda in Proc. Calif. Acad. Sci.*, Ser. 4, 46(9): 209 (1989)—Costa Rica, Nicaragua.
 histothrix *J.J. Wurdack in Brittonia*, 40(1): 12 (1988)—Peru.
 huberi *J.J. Wurdack in Mem. New York Bot. Gard.*, 51: 103 (1989)—Venezuela.
 ibarrae *F. Almeda in Proc. Calif. Acad. Sci.*, Ser. 4, 46(9): 212 (1989)—Mexico.
 iteophylla *F. Almeda in Proc. Calif. Acad. Sci.*, Ser. 4, 46(9): 214 (1989)—Panama.
 jimenezii *W.S. Judd & R.S. Beaman in Brittonia*, 40(4): 386 (1988)—Hispaniola (Dominican Republic, Haiti).
 lambayequensis *J.J. Wurdack in Phytologia*, 64(4): 297 (1988)—Peru.
 ligulata *F. Almeda in Proc. Calif. Acad. Sci.*, Ser. 4, 46(9): 216 (1989), nom. nov.: *Leandra consimilis Gleason*.
 macayana *W.S. Judd & J.D. Skean in Bull. Florida State Mus., Biol. Sci.*, 32(1): 145 (1987)—Hispaniola (Haiti).
 mornicola *A.C. Nicolson in Phytologia*, 68(2): 120 (1990)—Windward Is.
 peltata *F. Almeda in Proc. Calif. Acad. Sci.*, Ser. 4, 46(9): 217 (1989)—Panama.
 rimachii *J.J. Wurdack in Brittonia*, 40(1): 7 (1988)—Peru, Brazil.
 secunda *R.A. Howard & E.A. Kellogg in J. Arnold Arbor.*, 67(2): 250 (1986)—Windward Is.
 septentrionalis *W.S. Judd & R.S. Beaman in Brittonia*, 40(4): 383 (1988)—Hispaniola (Dominican Republic).
 spichigeri *J.J. Wurdack in Candollea*, 44(2): 517 (1989)—Peru.
 thysanophylla *J.J. Wurdack in Brittonia*, 40(1): 13 (1988)—Peru.
 zanonii *W.S. Judd, J.D. Skean & R.S. Beaman in Brittonia*, 40(2): 208 (1988)—Hispaniola (Dominican Republic).

MICRANDRA *R. Brown, Pterocymbium*: 237 (4 June 1844), nom. rejic. **EUPHORBIACEAE**. †
 ternata *R. Brown, Pterocymbium*: 238 (4 June 1844)—Brazil. †

MICRANTHOCEREUS (Cactac.).

streckeri *W. van Heek & L. van Criekeing in Kakt. And. Sukk.*, 37(5): 105 (1986)—Brazil.

MICROCORYS (Labiata.).

cephalantha *B.J. Conn in Muellera*, 6(3-4): 260 (1986)—Australia (W. Australia).
 elliptica *B.J. Conn in Muellera*, 6(3-4): 262 (1986)—Australia (N. Terr.).
 wilsoniana *B.J. Conn in Muellera*, 6(3-4): 263 (1986)—Australia (W. Australia).

MICROCOS (Tiliac.).

nervosa (*Lour.*) *S.Y. Hu in J. Arnold Arbor.*, 69(1): 79 (1988): *Fallopia nervosa*.

MICRODESMIS (Pandac.).

afrodecandra *J.J. Floret, A.M. Louis & J.M. Reitsma in Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 11(2): 104 (1989)—Gabon.

MICROHOLMESIA *P. Cribb in D.J. Mabberley, Plant-book*: 371 (1987), nom. nov.: *Holmesia Cribb* (Orchidac.).

parva (*Cribb*) *P. Cribb in D.J. Mabberley, Plant-book*: 371 (1987): *Holmesia parva*.

MICROLIABUM (Compos.).

subgen. *Austroliabum* (*H. Robinson & Brettell*) *H. Robinson in Syst. Bot.*, 15(4): 743 (1990): gen. *Austroliabum*.
 candidum (*Griseb.*) *H. Robinson in Syst. Bot.*, 15(4): 743 (1990): *Liabum candidum*.

MICROLIABUM :-

eremophilum (*Cabrera*) *H. Robinson in Syst. Bot.*, 15(4): 744 (1990): *Liabum eremophilum*.
 glanduliferum (*Cabrera*) *H. Robinson in Syst. Bot.*, 15(4): 744 (1990): *Liabum candidum* var. *glanduliferum*.
 mulgediifolium (*Muschler*) *H. Robinson in Syst. Bot.*, 15(4): 743 (1990): *Liabum mulgediifolium*.
 polymnioides (*R.E. Fries*) *H. Robinson in Syst. Bot.*, 15(4): 743 (1990): *Liabum polymnioides*.

MICROLOMA (Asclepiadac.).

armatum (*Thunb.*) *Schlechter ex E. Gilg & C. Benedict in A. Engler, Bot. Jahrb.*, 53: 167 (1915), as 'armata': *Cleome armata*.
 calycinum
 subsp. *flavescens* (*E. Mey.*) *H.E. Wanntorp in Op. Bot.*, 98: 36 (1988 publ. 1989): *M. calycinum* var. *flavescens*.
 campanulatum *H.E. Wanntorp in Op. Bot.*, 98: 63 (1988 publ. 1989)—South Africa (Cape Province).
 dregei (*E. Mey.*) *H.E. Wanntorp in Op. Bot.*, 98: 62 (1988 publ. 1989): *Haemax dregei*.
 glabratum
 subsp. *subglabratum* *H.E. Wanntorp in Op. Bot.*, 98: 46 (1988 publ. 1989)—South Africa (Cape Province).
 hystricoides *H.E. Wanntorp in Op. Bot.*, 98: 64 (1988 publ. 1989)—South Africa (Orange Free State, Cape Province).
 lanatum *H.E. Wanntorp in Op. Bot.*, 98: 53 (1988 publ. 1989)—Namibia.
 sagittatum
 subsp. *pillansii* *H.E. Wanntorp in Op. Bot.*, 98: 41 (1988 publ. 1989)—South Africa (Cape Province).
 spinosum
 subsp. *dinteri* (*Schlecht.*) *H.E. Wanntorp in Op. Bot.*, 98: 62 (1988 publ. 1989): *M. dinteri*.
 subsp. *velutinum* *H.E. Wanntorp in Op. Bot.*, 98: 62 (1988 publ. 1989)—Namibia.

MICROMERIA (Labiata.).

filiformis
 subsp. *minutifolia* (*Chodat*) *M. Kerguelen in Lejeunia*, 120: 128 (1987): *Satureja filiformis* var. *minutifolia*.

MICROMYRTUS (Myrtac.).

obovata (*Turcz.*) *J.W. Green, Census Vasc. Pl. W. Australia*, ed. 2: 6 (1985): *Thryptomene obovata*.

MICROPHOLIS (Sapotac.).

sect. *Exsertistamen* *T.D. Pennington in Fl. Neotrop.*, 52: 217 (1990).
 brochidodroma *T.D. Pennington in Fl. Neotrop.*, 52: 184 (1990)—Peru.
 caudata *T.D. Pennington in Fl. Neotrop.*, 52: 223 (1990)—Brazil.
 cayennensis *T.D. Pennington in Fl. Neotrop.*, 52: 220 (1990)—Brazil, French Guiana.
 emarginata *T.D. Pennington in Fl. Neotrop.*, 52: 208 (1990)—Brazil.
 guyanensis
 subsp. *duckeana* (*Baehni*) *T.D. Pennington in Fl. Neotrop.*, 52: 180 (1990): *Pouteria dückeana*.
 humboldtiana (*Roemer & Schultes*) *T.D. Pennington in Fl. Neotrop.*, 52: 212 (1990): *Chrysophyllum humboldtianum*.
 macrophylla (*Krause*) *T.D. Pennington in Fl. Neotrop.*, 52: 225 (1990): *Lucuma macrophylla*.
 obscura *T.D. Pennington in Fl. Neotrop.*, 52: 227 (1990)—French Guiana, Guyana, Venezuela, Peru, Brazil.
 polita
 subsp. *hotteana* *W.S. Judd in Moscosoa*, 4: 223 (1986)—Hispaniola (Haiti).
 sanctae-rosae (*Baehni*) *T.D. Pennington in Fl. Neotrop.*, 52: 215 (1990): *Pouteria sanctae-rosae*.
 spectabilis (*Steyermark*) *T.D. Pennington in Fl. Neotrop.*, 52: 221 (1990): *Pouteria spectabilis*.
 submarginalis *Pires & T.D. Pennington in Fl. Neotrop.*, 52: 228 (1990)—Brazil.
 venamoensis (*Steyermark*) *T.D. Pennington in Fl. Neotrop.*, 52: 205 (1990): *Pouteria venamoensis*.

MICROPYRUM (Gramin.).

tenellum
 f. *aristatum* (*Tausch*) *J. Lambinon in Soc. Ech. Pl. Vasc. Eur. Bassin Médit. Bull.*, 21: 68 (1986): *Triticum lolioides* var. *aristatum*.

MICRORRHINUM (Scrophulariac.).

pluttulum (*Rech.f.*) *F. Špeta in Phytion (Austria)*, 26(1): 51 (1986): *Chaenorhinum pluttulum*.

MICROSACCUS (Orchidac.).

griffithii (*Par. & Rech.f.*) *G. Seidenfaden in Op. Bot.*, 95: 25 (1988): *Saccolabium griffithii*.

MICROSERIS (Compos.).

douglasii
 var. *platycarpa* (*A. Gray*) *B.L. Turner in Phytologia*, 69(1): 15 (1990): *Calais platycarpa*.

MICROSIDEROS *M.G. Baumann-Bodenheim, Syst. Fl. Neu-Caledonien*, 5: 77 (1989), nom. nov., without replaced synonym ref.: *Metrosideros* *Auth.* not stated (Myrtac.).

tetrasticha (*Guill.*) *M.G. Baumann-Bodenheim, Syst. Fl. Neu-Caledonien*, 5: 77 (1989), without basionym page: *Metrosideros tetrasticha*.

MICROSISYMBRIUM (Crucif.).

qingshuiheense *Y.Q. Ma & Z.Y. Zhu in Acta Sci. Nat. Univ. Intramongolicae*, 20(4): 538 (1989)—China.

MICROSPERMUM (Compos.).

michoacanum (*R. King*) *B.L. Turner in Phytologia*, 63(6): 430 (1987): *Piqueriopsis michoacana*.

MICROSTEGIUM (Gramin.).

ciliatum
 subsp. *integrum* (*Ohwi*) *T. Koyama, Grasses of Japan & Neighbour. Regions*: 516 (1987): *M. ciliatum* var. *integrum*.
 fauriei
 subsp. *geniculatum* (*Hayata*) *T. Koyama, Grasses of Japan & Neighbour. Regions*: 516 (1987): *Pollinia geniculata*.

japonicum
 subsp. *somae* (*Hayata*) *T. Koyama, Grasses of Japan & Neighbour. Regions*: 516 (1987): *Polliniopsis somai*.

MICROTATORCHIS (Orchidac.).

smithii *P.J. Kores in Allertonia*, 5(1): 205 (1989)—Fiji.

MICROTIS (Orchidac.).

densiflora (*Benth.*) *M.A. Clements in Austral. Orchid Res.*, 1: 94 (1989): *M. parviflora* var. *densiflora*.
 familiaris *R. Bates in J. Adelaide Bot. Gard.*, 13: 50 (1990)—Australia (W. Australia).
 media
 subsp. *densiflora* (*Benth.*) *R. Bates in J. Adelaide Bot. Gard.*, 13: 56 (1990): *M. parviflora* var. *densiflora*.
 subsp. *quadrata* *R. Bates in J. Adelaide Bot. Gard.*, 13: 54 (1990)—Australia (W. Australia).

MICROTROPIS (Celastrac.).

caudata *C.Y. Cheng & T.C. Kao in Acta Phytotax. Sin.*, 26(4): 313 (1988)—China.
 macrocarpa *C.Y. Cheng & T.C. Kao in Acta Phytotax. Sin.*, 26(4): 311 (1988)—China.
 pyramidalis *C.Y. Cheng & T.C. Kao in Acta Phytotax. Sin.*, 26(4): 313 (1988)—China.
 semipaniculata *C.Y. Cheng & T.C. Kao in Acta Phytotax. Sin.*, 26(4): 310 (1988)—China.
 sphaerocarpa *C.Y. Cheng & T.C. Kao in Acta Phytotax. Sin.*, 26(4): 314 (1988)—China.
 thyrsoflora *C.Y. Cheng & T.C. Kao in Acta Phytotax. Sin.*, 26(4): 310 (1988)—China.
 triflora
 var. *sichuanensis* *C.Y. Cheng & T.C. Kao in Acta Phytotax. Sin.*, 26(4): 314, 312 (1988), as 'szchuanensis'—China.

MIKANIA (Compos.).

cuatrecasii *W.C. Holmes in Phytologia*, 65(3): 242 (1988)—Colombia.
 daspitii *W.C. Holmes & S. McDaniel in Candollea*, 44(1): 32 (1989)—Argentina.

MIKANIA :-

- harlingii R.M. King & H. Robinson in *Phytologia*, 60(1): 82 (1986)—Ecuador.
 longicarpa W.C. Holmes in *Phytologia*, 65(3): 243 (1988)—Colombia.
 macdanielii W.C. Holmes in *Syst. Bot.*, 14(3): 377 (1989)—Peru.
 marahuacensis J. Steyermark & B. Maguire in *Acta Bot. Venezuel.*, 14(3): 28 (1984)—Venezuela.
 perhirta R.M. King & H. Robinson in *Phytologia*, 65(1): 64 (1988)—Brazil.
 pseudorimachii W.C. Holmes & S. McDaniel in *Candollea*, 44(1): 32 (1989)—Paraguay.
 summinima W.C. Holmes in *Phytologia*, 64(6): 498 (1988)—Argentina.
 tehuacanensis W.C. Holmes in *Phytologia*, 59(7): 442 (1986)—Mexico.
 tristachya W.C. Holmes in *Phytologia*, 65(3): 244 (1988)—Colombia.

MIKANIOPSIS (Compos.).

- bambuseti (R.E. Fr.) C. Jeffrey in *Kew Bull.*, 41(4): 878 (1986): Senecio bambuseti.
 cissampelina (DC.) C. Jeffrey in *Kew Bull.*, 41(4): 879 (1986): Calalia? cissampelina.

MILIUM (Gramin.).

- album (L.) Lag., *Elenchus*: 10 (1816); cf. D.J. Mabberley in *Taxon*, 31(1): 71 (1982): Basionym not stated.
 caninum (L.) Lag., *Elenchus*: 10 (1816); cf. D.J. Mabberley in *Taxon*, 31(1): 71 (1982): Agrostis canina.
 capillare (L.) Lag., *Elenchus*: 10 (1816); cf. D.J. Mabberley in *Taxon*, 31(1): 71 (1982): Basionym not stated.
 globosum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 109 (1784)—Japan.†
 hispidum (Willd.) Lag., *Elenchus*: 10 (1816); cf. D.J. Mabberley in *Taxon*, 31(1): 71 (1982): Basionym not stated.
 interruptum (L.) Lag., *Elenchus*: 10 (1816); cf. D.J. Mabberley in *Taxon*, 31(1): 71 (1982): Basionym not stated.
 spica-venti (L.) Lag., *Elenchus*: 10 (1816); cf. D.J. Mabberley in *Taxon*, 31(1): 71 (1982): Basionym not stated.
 stoloniferum (L.) Lag., *Elenchus*: 10 (1816); cf. D.J. Mabberley in *Taxon*, 31(1): 71 (1982): Agrostis stolonifera.

MILIUSA (Annonac.).

- brahei (F. Muell.) L.W. Jessup in *Austrobaileya*, 2(3): 227 (1986): Saccopetalum brahei.
 traceyi L.W. Jessup in *Austrobaileya*, 2(5): 522 (1988)—Australia (Queensland, N. Terr.).
 villosa (Roxb.) W. Theobald in F. Mason, *Burmah*, ed. 3, 2: 667 (1883); cf. D.J. Mabberley in *Taxon*, 34(1): 155 (1985): Uvaria villosa.

MILLETTIA (Legumin.).

- orissae G. Panigrahi & S.C. Mishra in *Indian J. Forest.*, 8(3): 234 (1985), nom. nov.: Robinia racemosa Roxb.
 pinnata (L.) G. Panigrahi in G. Panigrahi & S.K. Murti, *Fl. Bilaspur District*, 1: 210 (1989): Cytisus pinnatus.

MILLOTIA (Compos.).

- incurva (D.A. Cooke) P.S. Short in *Muelleria*, 7(2): 246 (1990): Scyphocoronis incurva.
 major (Turcz.) P.S. Short in *Muelleria*, 7(2): 246 (1990): Toxanthes major.
 muelleri (Sond.) P.S. Short in *Muelleria*, 7(2): 246 (1990): Anthocerastes muelleri.
 perpusilla (Turcz.) P.S. Short in *Muelleria*, 7(2): 246 (1990): Toxanthes perpusilla.
 steetziana P.S. Short in *Muelleria*, 7(2): 247 (1990)—Australia (W. Australia).

MILTONIOIDES (Orchidac.).

- leucomelas (Rchb. f.) L. Bockemühl & K. Senghas in *Orchidee*, 39(1): centre page pull-out, Orchideenkartei 522 (1988): Odontoglossum leucomelas.
 subsp. acutum Rchb. f. ex L. Bockemühl & K. Senghas in *Orchidee*, 39(1): centre page pull-out, Orchideenkartei 522 (1988), nom. nov.: Odontoglossum laeve var. auratum Rchb. f.

MILTONIOIDES :-

- pauciflora (L.O. Wms.) F. Hamer & Garay in *Ic. Pl. Trop.*, 13 (Orch. Nicaragua, pt. 6): t. 1048a (1985): Odontoglossum pauciflorum.
 schroederiana (O'Brien) E. Lückel in *Orchidee*, 37(2): 55 (1986): Miltonia schroederiana.

MILTONIOPSIS (Orchidac.).

- bismarckii C.H. Dodson & D.E. Bennett in *Ic. Pl. Trop.*, Ser. 2, 2: t. 110 (1989)—Peru.

MIMETES (Proteac.).

- chrysanthus J.P. Rourke in *S. Afr. J. Bot.*, 54(6): 636 (1988)—South Africa (Cape Province).

MIMOSA (Legumin.).

- antioquensis
 var. isthmensis R. Grether in *Syst. Bot.*, 15(3): 439 (1990)—Mexico.
 aureliana R.C. Barneby & R.H. Fortunato in *Brittonia*, 39(2): 165 (1987)—Paraguay.
 barnebiana R.H. Fortunato & S.G. Tressens in *Candollea*, 44(1): 35 (1989)—Argentina, Paraguay.
 burkartii E. Marchesi in *Bol. Invest. (Montevideo)*, 5: 2 (1987)—Uruguay.
 castanoclada R.C. Barneby & R.H. Fortunato in *Brittonia*, 39(2): 167 (1987)—Paraguay, Bolivia.
 caudero L. Cárdenas in *Ernstia*, 40: 15 (1986)—Venezuela.
 chacoensis R.C. Barneby & R.H. Fortunato in *Brittonia*, 39(2): 169 (1987)—Paraguay.
 cordobensis L. Ariza Espinar in *Lorentzia*, 6: 7 (1986)—Argentina.
 costenya R. McVaugh, *Fl. Novo-Galiciana*, 5: 207 (1987)—Mexico.
 diplotricha
 var. inermis (Adelb.) B. Verdcourt in *Kew Bull.*, 43(2): 360 (1988): M. invisiva var. inermis.
 var. inermis (Adelb.) H.B. Naithani, *Flow. Pl. India, Nepal & Bhutan*: 134 (1990), isonym: M. invisiva var. inermis.
 nanchititlana R. Grether & R.C. Barneby in *Brittonia*, 39(3): 345 (1987)—Mexico.
 niomarlei A. Fernandes in *An. Soc. Bot. Brasil (XIX Congr. Nac. Bot., 1968)*: 93 (1968), also as 'nomarlei' but named after Mr. W. Niomarle—Brazil.†
 pauperoides (Burk.) R.H. Fortunato in *Ann. Missouri Bot. Gard.*, 76(2): 381 (1989): M. balansae var. pauperoides.
 pueblensis R. Grether in *J. Arnold Arbor.*, 68(3): 319 (1987), nom. nov.: Mimosopsis filipes Britton & Rose.
 rhodocarpa (Britton & Rose) R. Grether in *J. Arnold Arbor.*, 68(3): 320 (1987): Mimosopsis rhodocarpa.
 rubicaulis
 subsp. himalayana (Gamble) H. Ohashi in *Enum. Fl. Pl. Nepal*, 2: 126 (1979): M. himalayana.
 tobatiensis R.C. Barneby & R.H. Fortunato in *Brittonia*, 39(2): 171 (1987)—Paraguay.
 torresiae R. Grether in *Syst. Bot.*, 15(3): 435 (1990)—Mexico.
 turneri R.C. Barneby in *Brittonia*, 38(1): 4 (1986)—U.S.A. (Texas), Mexico.
 xochipalensis R. Grether in *Syst. Bot.*, 13(3): 425 (1988)—Mexico.

MIMULUS (Scrophulariac.).

- cuprifulus M.R. Macnair in *Bot. J. Linn. Soc.*, 100(1): 3 (1989)—U.S.A. (California).
 leptanthus (Nutt) A.L. Grant ex L.H. Bailey in *Gentes Herbarum*, 1(3): 136 (1923): Diplacus leptanthus.
 longiflorus (Nutt) A.L. Grant ex L.H. Bailey in *Gentes Herbarum*, 1(3): 136 (1923): Diplacus longiflorus.
 ×robertsii A.J. Silverside in *Watsonia*, 18(2): 211 (1990), contrary to Art. H5.2 ICBN (1988)—Great Britain. (M. guttatus × luteus var. rivularis).
 roezlii Benary ex Haage & Schmidt, *Cat. 1872*: 8 (1872); cf. D.J. Mabberley in *Taxon*, 34(3): 454 (1985)—Locality not stated.
 shevockii L.R. Heckard & R. Bacigalupe in *Madroño*, 33(4): 271 (1986)—U.S.A. (California).

MINUARTIA (Caryophyllac.).

- ser. Valentinae T. Çelebioglu, C. Favarger & J.M. Montserrat in *Collect. Bot.*, 18: 84 (1990).

MINUARTIA :-

- biflora
 f. versicolor (Brügger) J. Cayouette in *Nat. Canad.*, 113(4): 332 (1986): Alsine biflora var. versicolor.
 chlorosciadia K.H. Rechinger in *Fl. Iran.*, 163: 42 (1988)—Afghanistan.
 decipiens
 subsp. persica (McNeill) K.H. Rechinger in *Fl. Iran.*, 163: 47 (1988): M. decipiens var. persica.
 hybrida
 var. macneillii Kit Tan & R.R. Mill in *Fl. Turkey & E. Aegean Is.*, 10: 69 (1988)—Turkey.
 laricifolia
 var. diomedis (Br.-Bl.) Favarger & P. Monts. ex F. Muñoz Garmendia & J. Pedrol in *An. Jard. Bot. Madrid*, 44(2): 599 (1987): M. diomedis.
 nuristanica K.H. Rechinger in *Fl. Iran.*, 163: 43 (1988)—Afghanistan.
 palyzanica G.M. Proskuryakova in *Byull. Glavn. Bot. Sada (Moscow)*, 143: 34 (1986 publ. 1987)—U.S.S.R. (Middle Asia).
 recurva
 subsp. bigerrensis (Pau) S. Rivas-Martínez, F. Fernández González & D. Sánchez-Mata in *Opus. Bot. Pharm. Complutensis*, 2: 113 (1986): Alsine recurva f. bigerrensis.
 rubella
 f. epilis (Fern.) J. Cayouette in *Nat. Canad.*, 113(4): 332 (1986): Arenaria verna f. epilis.
 setacea
 subsp. stojanovii (Kitanov) A. Strid in A. Strid (ed.), *Mount. Fl. Greece*, 1: 95 (1986): M. setacea var. stojanovii.
 sinaica (Boiss.) A. Danin in *Israel J. Bot.*, 36(2): 63 (1987): Alsine sinaica.
 smejkalii M. Dvořáková in *Preslia*, 60(1): 3 (1988)—Czechoslovakia.
 sublineata K.H. Rechinger in *Fl. Iran.*, 163: 36 (1988)—Iran, Iraq.
 valentina (Pau) Favarger & P. Monts. ex F. Muñoz Garmendia & J. Pedrol in *An. Jard. Bot. Madrid*, 44(2): 599 (1987): Alsine valentina.
 verna
 subsp. brevipedala P. Hartvig & A. Strid in *Bot. Jahrb.*, 108(2-3): 322 (1987)—Turkey.
 f. glandulosa (Rouy & Fouc.) N. Randjelović, F. Rexhepi & V. Jovanović in *Fl. SR Srbije*, 10: 45 (1986): Alsine verna subvar. glandulosa.

MINUOPSIS W.A. Weber in *Phytologia*, 67(6): 426 (1989). **CARYOPHYLLACEAE**.

- caroliniana (Walter) W.A. Weber in *Phytologia*, 67(6): 427 (1989): Arenaria caroliniana.
 michauxii (Fenzl) W.A. Weber in *Phytologia*, 67(6): 427 (1989): Alsine michauxii.
 nuttallii (Pax) W.A. Weber in *Phytologia*, 67(6): 427 (1989): Arenaria nuttallii.

MINURIA (Compos.).

- macrorhiza (DC.) N.S. Lander in *Nuytsia*, 6(1): 64 (1987): Eurybiopsis macrorhiza.
 tridens (D.A. Cooke) N.S. Lander in *Nuytsia*, 6(1): 64 (1987): Olearia tridens.

MIRABILIS (Nyctaginac.).

- linearis
 var. decipiens (Standl.) S.L. Welsh in *Great Basin Nat.*, 46(2): 258 (1986): Allionia decipiens.

MIRANDEA (Acanthac.).

- andradenia T.F. Daniel in *Southwest. Nat.*, 31(2): 170 (1986)—Mexico.

MIRBELIA (Legumin.).

- granitica M.D. Crisp & J.M. Taylor in *J. Adelaide Bot. Gard.*, 10(1): 135 (1987)—Australia (W. Australia).
 rhagodioides M.D. Crisp & J.M. Taylor in *J. Adelaide Bot. Gard.*, 10(1): 139 (1987)—Australia (W. Australia).
 stipitata M.D. Crisp & J.M. Taylor in *J. Adelaide Bot. Gard.*, 10(1): 141 (1987)—Australia (W. Australia).

MISCANTHUS (Gramin.).

- nudipes
 subsp. taylorii (Bor) Y.N. Lee in *J. Korean Pl. Taxon.*, 3(1-2): 18 (1971): M. taylorii.†

MISCANTHUS :-

- subsp. wardii* (Bor) Y.N. Lee in *J. Korean Pl. Taxon.*, 3(1-2): 18 (1971), as 'wordii', without basionym ref.: *M. wardii*. †
- oligostachyus
subsp. intermedius (Honda) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 517 (1987); *M. longiberbis* var. *intermedius*.
subsp. longiberbis (Hackel) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 517 (1987); *M. matsumurae* var. *longiberbis*.
sacchariflorus
f. purpurascens Y.N. Lee in *J. Korean Pl. Taxon.*, 3(1-2): 18 (1971)—Great Britain. †
- sinensis
subsp. condensatus (Hackel) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 518 (1987); *M. condensatus*.

MISCHOCARPUS (Sapindac.).

- albescens* S.T. Reynolds in *Fl. Australia*, 25: 200, 97 (1985)—Australia (Queensland).
australis S.T. Reynolds in *Fl. Australia*, 25: 200, 100 (1985)—Australia (Queensland, New South Wales).
macrocarpum S.T. Reynolds in *Fl. Australia*, 25: 200, 100 (1985)—Australia (Queensland).
stipitatus S.T. Reynolds in *Fl. Australia*, 25: 200, 100 (1985)—Australia (Queensland).

MISOPATES (Scrophulariac.).

- marraicum* D.A. Sutton, *Revis. tribe Antirrhineae*: 153 (1988)—Sudan.
microcarpum (Pomel) D.A. Sutton, *Revis. tribe Antirrhineae*: 151 (1988); *Antirrhinum microcarpum*.
oranense (Faure) D.A. Sutton, *Revis. tribe Antirrhineae*: 148 (1988); *Antirrhinum orontium* var. *oranense*.
orontium
subsp. gibbosum (Wall.) D.A. Sutton, *Revis. tribe Antirrhineae*: 147 (1988); *Antirrhinum gibbosum*.
var. grandiflorum (Chav.) B. Valdés in *Lagascalia*, 14(1): 156 (1986); *Antirrhinum orontium* var. *grandiflorum*.
rivas-martinezii D. Sánchez-Mata in *Candollea*, 43(1): 261 (1988)—Spain.
salvagense D.A. Sutton, *Revis. tribe Antirrhineae*: 151 (1988)—Salvage Is.

MITRACARPUS (Rubiac.).

- bahorucanus* T.A. Zanoni in *Moscoso*, 5: 103 (1989)—Hispaniola (Dominican Republic).

MITRANTIA Peter G. Wilson & B.P.M. Hyland in

- Telopea*, 3(2): 264 (1988). MYRTACEAE.
bilocularis Peter G. Wilson & B.P.M. Hyland in *Telopea*, 3(2): 265 (1988)—Australia (Queensland).

MITRIOSTIGMA (Rubiac.).

- usambarense* B. Verdcourt in *Kew Bull.*, 42(1): 245 (1987)—Tanzania.

MIYAMAYOMENA (Compos.).

- sect. Heterolepis* Ling & Y.L. Chen in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 41 (1986).
angustifolia (Hand.-Mazz.) Y.L. Chen in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 43 (1986); *Asteromaea angustifolia*.
simplex (Hand.-Mazz.) Y.L. Chen in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 42 (1986); *Asteromaea simplex*.
yuanqunensis (J.Q. Fu) J.Q. Fu in *Fl. Loess-Plat. Sin.*, 5: 158 (1989); *Gymnaster yuanqunensis*.

MNESITHEA (Gramin.).

- afraurita* (Stapp) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 290 (1986); *Rottboellia afraurita*.
annua (Lazarides) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 295 (1986); *Heteropholis annua*.
aurita (Steud.) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 290 (1986); *Rottboellia aurita*.
balansae (Hack.) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 290 (1986); *Rottboellia balansae*.
benoistii (Camus) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 287 (1986); *Heteropholis benoistii*.
capensis (Stapp) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 290 (1986); *Coelorachis capensis*.

MNESITHEA :-

- clarkei* (Hack.) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 290 (1986); *Rottboellia clarkei*.
cylindrica (Michx.) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 290 (1986); *Tripsacum cylindricum*.
formosa (R. Br.) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 288 (1986); *Rottboellia formosa*.
glandulosa (Trin.) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 290 (1986); *Rottboellia glandulosa*.
granularis (L.) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 295 (1986); *Cenchrus granularis*.
helferi (Hook. f.) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 291 (1986); *Rottboellia helferi*.
impressa (Griseb.) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 291 (1986); *Rottboellia impressa*.
khasiana (Hack.) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 291 (1986); *Rottboellia striata* subsp. *khasiana*.
laevis
var. chenii (Hsu) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 286 (1986); *Thaumastochloa chenii*.
var. cochinchinensis (Lour.) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 286 (1986); *Phleum cochinchinensis*.
laevispica (Keng) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 291 (1986); *Rottboellia laevispica*.
lepida (Stapp) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 291 (1986); *Coelorachis lepidura*.
nigrescens (Thw.) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 287 (1986); *Rottboellia nigrescens*.
parodiana (Herr.) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 291 (1986); *Coelorachis parodiana*.
pilosa B.K. Simon in *Austrobaileya*, 3(1): 90 (1989)—Australia (Queensland).
pulcherrima (Kunth) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 291 (1986); *Ratzeburgia pulcherrima*.
ramosa (Fourn.) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 291 (1986); *Apogonia ramosa*.
rottboellioides (R. Br.) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 291 (1986); *Ischaemum rottboellioides*.
rugosa (Nutt.) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 291 (1986); *Rottboellia rugosa*.
selloana (Hack.) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 292 (1986); *Rottboellia selloana*.
striata (Steud.) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 292 (1986); *Rottboellia striata*.
subgibbosa (Hack.) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 292 (1986); *Rottboellia loricata* subsp./var. *subgibbosa*.
sulcata (Stapp) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 287 (1986); *Peltophorus sulcatus*.
tessellata (Steud.) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 293 (1986); *Rottboellia tessellata*.
tuberculosa (Nash) R. de Koning & M.S.M. Sosef in *Blumea*, 31(2): 293 (1986); *Manisuris tuberculosa*.
- MOEHRINGIA (Caryophyllac.).
intricata
subsp. castellana J.M. Montserrat in *An. Jard. Bot. Madrid*, 42(2): 548 (1985 publ. 1986)—Spain.
subsp. tejedensis (Willk.) J.M. Montserrat in *An. Jard. Bot. Madrid*, 42(2): 548 (1985 publ. 1986); *M. tejedensis*.
- MOLINIA (Gramin.).
ser. Caerulea I. Milkovits in *Symb. Bot. Upsal.*, 27(2): 140 (1986 publ. 1987).
ser. Hungaricae I. Milkovits in *Symb. Bot. Upsal.*, 27(2): 142 (1986 publ. 1987).
arundinacea
var. robusta I. Milkovits in *Symb. Bot. Upsal.*, 27(2): 141 (1986 publ. 1987)—Hungary.
horanskyi I. Milkovits in *Symb. Bot. Upsal.*, 27(2): 143 (1986 publ. 1987)—Hungary.
hungarica I. Milkovits in *Symb. Bot. Upsal.*, 27(2): 143 (1986 publ. 1987)—Hungary.
pocsii I. Milkovits in *Symb. Bot. Upsal.*, 27(2): 141 (1986 publ. 1987)—Hungary.
simonii I. Milkovits in *Symb. Bot. Upsal.*, 27(2): 142 (1986 publ. 1987)—Hungary.
var. major I. Milkovits in *Symb. Bot. Upsal.*, 27(2): 142 (1986 publ. 1987)—Hungary.
ujhelyii I. Milkovits in *Symb. Bot. Upsal.*, 27(2): 142 (1986 publ. 1987)—Hungary.

MOLLIA (Caryophyllac.).

- alsinifolia* (Biv.) Guss., *Cat. Pl. Hort. Reg. Bocc.*: 42 (1821); cf. D.J. Mabberley in *Taxon*, 31(1): 71 (1982); *Basionym* not stated.
polycarpoides (Biv.) Guss., *Cat. Pl. Hort. Reg. Bocc.*: 42 (1821); cf. D.J. Mabberley in *Taxon*, 31(1): 71 (1982); *Basionym* not stated.

MOLLINEDIA (Monimiac.).

- foreroi* A.L. Peixoto in *Arq. Jard. Bot. Rio de Janeiro*, 27: 195 (1983-85 publ. 1985)—Colombia.
gentrii A.L. Peixoto in *Arq. Jard. Bot. Rio de Janeiro*, 27: 196 (1983-85 publ. 1985)—Mexico.
glabricalis B. Maguire & J.A. Steyermark in *Mem. New York Bot. Gard.*, 51: 115 (1989)—Brazil.
graziellae A.L. Peixoto in *Bradea*, 4(41): 332 (1987)—Surinam, Guyana.
jorgeorum A.L. Peixoto in *Arq. Jard. Bot. Rio de Janeiro*, 27: 194 (1983-85 publ. 1985), as 'jorgearum'—Brazil.
luizae A.L. Peixoto in *Arq. Jard. Bot. Rio de Janeiro*, 27: 194 (1983-85 publ. 1985)—Brazil.
neblinensis B. Maguire & J.A. Steyermark in *Mem. New York Bot. Gard.*, 51: 113 (1989)—Venezuela.

MOLONGUM (Apocynac.).

- lucidum* (Humboldt, Bonpland & Kunth) J.L. Zarucchi in *Agric. Univ. Wageningen Pap.*, 87(1): 72 (1987 publ. 1988); *Tabernaemontana* ? *lucida*.

MOLOPOSPERMUM (Umbellif.).

- peloponnesiacum*
subsp. bauhini I. Ullmann in *Flora (Germany)*, 179(4): 268 (1987)—Italy.

MOMORDICA (Cucurbitac.).

- charantia*
subsp. abbreviata (Ser.) I. Grebenšičkov in *R. Mansfeld, Verz. Landwirtschaft. u. Gartn. Kulturpfl., Auf. 2, ed. J. Schultze-Motel*, 2: 926 (1986); *M. charantia* var. *abbreviata*.

MONACTIS (Compos.).

- anderssonii* H. Robinson in *Phytologia*, 65(1): 52 (1988)—Ecuador.
rhombifolia A. Sagástegui-Alva & M.O. Dillon in *Phytologia*, 61(1): 5 (1986)—Peru.

MONADENIUM (Euphorbiac.).

- catenatum* S. Carter in *Kew Bull.*, 42(4): 905 (1987)—Tanzania.
clarae F. Malaisse & J.M. Lecron in *Bull. Jard. Bot. Nation. Belg.*, 59(3-4): 478 (1989)—Zaire.
depauperatum (Bally) S. Carter in *Kew Bull.*, 42(4): 908 (1987); *M. laeve* f. *depauperata*.
elegans S. Carter in *Kew Bull.*, 42(4): 909 (1987)—Tanzania.
filiforme (Bally) S. Carter in *Kew Bull.*, 42(4): 905 (1987); *M. chevalieri* var. *filiforme*.
gladiatum (Bally) S. Carter in *Kew Bull.*, 42(4): 913 (1987); *M. yattanum* var. *gladiatum*.
globosum Bally & S. Carter in *Kew Bull.*, 42(4): 906 (1987)—Tanzania.
heteropodium
var. formosum (Bally) S. Carter in *Kew Bull.*, 42(4): 916 (1987); *M. schubei* var. *formosum*.
kundelunguense F. Malaisse in *Cact. Succ. J. (U.S.A.)*, 59(5): 204 (1987)—Zaire.
letouzeyanum F. Malaisse in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 11(4): 337 (1989 publ. 1990)—Zaire.
pedunculatum S. Carter in *Kew Bull.*, 42(4): 903 (1987)—Tanzania, Burundi, Zaire, Zambia.
renneyi S. Carter in *Kew Bull.*, 42(4): 916 (1987)—Kenya.
ritchii
subsp. marsabitense S. Carter in *Kew Bull.*, 42(4): 915 (1987)—Kenya.
subsp. nyambense S. Carter in *Kew Bull.*, 42(4): 915 (1987)—Kenya.
rubellum (Bally) S. Carter in *Kew Bull.*, 42(4): 913 (1987); *M. montanum* var. *rubellum*.
schajjesii F. Malaisse in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 487 (1986)—Zaire.
shebeliense M.G. Gilbert in *Bradleya*, 8: 45 (1990)—Ethiopia.
spectabile S. Carter in *Kew Bull.*, 42(4): 911 (1987)—Tanzania.

MONADENIUM :-

- stapelioides
var. congestum (Bally) S. Carter in *Kew Bull.*, 42(4): 914 (1987); M. stapelioides f. congestum.
 stoloniferum (Bally) S. Carter in *Kew Bull.*, 42(4): 913 (1987); M. rhizophorum *var. stoloniferum*.

MONANTHOCITRUS (Rutac.).

- bispinosa B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 217 (1985)—New Guinea (W. Irian).
 oblanceolata B.C. Stone & D.T. Jones in *Proc. Acad. Nat. Sci. Philadelphia*, 140(2): 267 (1988)—Borneo (Sabah).
 paludosa (Lauterb.) B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 217 (1985); *Citrus paludosa*.

MONANTHOTAXIS (Annonac.).

- discrepantinervia B. Verdcourt in *Kew Bull.*, 41(2): 295 (1986)—Tanzania.

MONARDELLA (Labiata).

- bencolens J.R. Shevock, B. Ertter & J.D. Jokerst in *Madroño*, 36(4): 271 (1989 publ. 1990)—U.S.A. (California).

MONECHMA (Acanthac.).

- callothamnum J. Munday in *S. Afr. J. Bot.*, 53(2): 140 (1987)—Namibia.

× **MONNIERARA** hort. in *Orchid Rev.*, 98(1156): centre page pull-out p. 10 (1990). **ORCHIDACEAE**. (Catasetum × Cycnoches × Mormodes).

MONOCERA (Elaeocarpaceae).

- dentata (Forst. & Forst. f.) Endl., *Cat. Horti Vindob.*, 2: 365 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 435 (1984); Basionym not stated.
 reticulata (Sm.) Endl., *Cat. Horti Vindob.*, 2: 365 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 435 (1984); *Elaeocarpus reticulatus*.

MONOCLADUS L.C. Chia, H.L. Fung & Y.L. Yang in *Acta Phytotax. Sin.*, 26(3): 212 (1988). **GRAMINEAE**.

- amplexicaulis L.C. Chia, H.L. Fung & Y.L. Yang in *Acta Phytotax. Sin.*, 26(3): 215 (1988)—China.
 levigatus L.C. Chia, H.L. Fung & Y.L. Yang in *Acta Phytotax. Sin.*, 26(3): 216 (1988)—Hainan.
 saxatilis L.C. Chia, H.L. Fung & Y.L. Yang in *Acta Phytotax. Sin.*, 26(3): 213 (1988)—China.
 solidus (C.D. Chu & C.S. Chao) L.C. Chia in *Acta Phytotax. Sin.*, 26(3): 215 (1988); *Indocalamus solidus*.

MONOPSIS (Campanulac.).

- alba P.B. Phillipson in *Bot. J. Linn. Soc.*, 93(4): 334 (1986)—South Africa (Cape Province).
 debilis
var. depressa (L.f.) P.B. Phillipson in *Bot. J. Linn. Soc.*, 93(4): 338 (1986); *Lobelia depressa*.
var. gracilis (C. Presl) P.B. Phillipson in *Bot. J. Linn. Soc.*, 93(4): 340 (1986); M. conspicua *var. gracilis*.
 unidentata
 subsp. intermedia P.B. Phillipson in *Bot. J. Linn. Soc.*, 99(3): 268 (1989)—South Africa (Cape Province).
 subsp. laevicaulis (C. Presl) P.B. Phillipson in *Bot. J. Linn. Soc.*, 99(3): 270 (1989); *Dobrowskya laevicaulis*.

MONOTAGMA (Marantac.).

- ovatum M. Hagberg in *Ann. Missouri Bot. Gard.*, 77(2): 421 (1990)—Guyana, Venezuela.
 rudanii M. Hagberg in *Fl. Ecuador*, 32(224): 163 (1988)—Ecuador.
 vaginatum M. Hagberg in *Ann. Missouri Bot. Gard.*, 77(2): 422 (1990)—Brazil, Peru, Venezuela, French Guiana, Colombia.

MONOTES (Dipterocarpaceae).

- lutambensis B. Verdcourt in *Fl. Trop. E. Afr., Dipterocarpaceae*: 9 (1989)—Tanzania.

MONOTROPASTRUM (Ericac.).

- sciaphilum (H. Andres) G.D. Wallace in *Taxon*, 36(1): 129 (1987); *Eremotropa sciaphila*.

MONSTERA (Arac.).

- costaricensis (Engl. & Krause) T.B. Croat & M.H. Grayum in *Ann. Missouri Bot. Gard.*, 74(3): 659 (1987); *Rhodospatha costaricensis*.
 dissecta (Schott) T.B. Croat & M.H. Grayum in *Ann. Missouri Bot. Gard.*, 74(3): 659 (1987); *Tornelia dissecta*.

MONTANOEA (Compos.).

- leucantha
var. arborescens (DC.) B.L. Turner in *Phytologia*, 65(5): 382 (1988); M. arborescens.
 tomentosa
var. microcephala (Sch.-Bip.) B.L. Turner in *Phytologia*, 65(5): 382 (1988); M. microcephala.
var. xanthifolia (Sch.-Bip.) B.L. Turner in *Phytologia*, 65(5): 382 (1988); M. xanthifolia.

MONTBRETIA (Iridac.).

- crocata (L.) Endl., *Cat. Horti Vindob.*, 1: 166 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 435 (1984); Basionym not stated.
 deusta (Ait.) Endl., *Cat. Horti Vindob.*, 1: 166 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 435 (1984); Basionym not stated.
 fenestrata (Jacq.) Endl., *Cat. Horti Vindob.*, 1: 166 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 435 (1984); Basionym not stated.

MONTROUZIERA (Guttif.).

- sphaeroidea
var. rhodoneura (Schltr.) M.G. Baumann-Bodenheim, *Syst. Fl. Neu-Caledonien*, 4: 102 (1988 publ. Jan. 1989), without basionym ref.; et *Syst. Fl. Neu-Caledonien*, 5: 97 (May 1989), with basionym ref.: M. rhodoneura.

MORAEA (Iridac.).

- brevistyla (Goldblatt) P. Goldblatt, *Moraeas of South Africa* (Ann. Kirstenbosch Bot. Gard., 14): 162 (1986); M. pubiflora subsp. brevistyla.
 deserticola P. Goldblatt in *Ann. Missouri Bot. Gard.*, 73(1): 113 (1986)—South Africa (Cape Province).
 exiliflora P. Goldblatt, *Moraeas of South Africa* (Ann. Kirstenbosch Bot. Gard., 14): 128 (1986)—South Africa (Cape Province).
 fugax
 subsp. filicaulis (Baker) P. Goldblatt in *Ann. Missouri Bot. Gard.*, 73(1): 155 (1986); M. filicaulis.
 garipensis P. Goldblatt, *Moraeas of South Africa* (Ann. Kirstenbosch Bot. Gard., 14): 48 (1986)—Namibia.
 graniticola P. Goldblatt in *Ann. Missouri Bot. Gard.*, 73(1): 107 (1986)—Namibia.
 hexaglottis P. Goldblatt in *Ann. Missouri Bot. Gard.*, 73(1): 108 (1986)—Namibia.
 macrocarpa P. Goldblatt in *Ann. Missouri Bot. Gard.*, 73(1): 151 (1986)—South Africa (Cape Province).
 namaquamontana P. Goldblatt, *Moraeas of South Africa* (Ann. Kirstenbosch Bot. Gard., 14): 50 (1986)—South Africa (Cape Province).
 pseudospicata P. Goldblatt in *Ann. Missouri Bot. Gard.*, 73(1): 111 (1986)—South Africa (Cape Province).
 rigidifolia P. Goldblatt in *Ann. Missouri Bot. Gard.*, 73(1): 109 (1986)—Namibia.
 verecunda P. Goldblatt, *Moraeas of South Africa* (Ann. Kirstenbosch Bot. Gard., 14): 116 (1986)—South Africa (Cape Province).
 worcesterensis P. Goldblatt in *Ann. Missouri Bot. Gard.*, 73(1): 115 (1986)—South Africa (Cape Province).

MORICANDIA (Crucif.).

- moricandioides
 subsp. cavanillesiana (Font Quer & A. Bolós) W. Greuter & H.M. Burdet in W. Greuter, H.M. Burdet & G. Long (eds.), *Med-checklist*, 3: 144 (1986); M. ramburii subsp. cavanillesiana.

MORINA (Morinac.).

- lehmanniana A. Bunge, *Beitr. Fl. Russl.*: 145 (1852)—U.S.S.R. (Middle Asia).†

MORINA :-

- nepalensis
var. alba (Hand.-Mazz.) Y.C. Tang ex C.H. Hsing in *Fl. Reipubl. Popul. Sin.*, 73(1): 51 (1986); M. alba.
var. delavayi (Franch.) C.H. Hsing in *Fl. Reipubl. Popul. Sin.*, 73(1): 51 (1986); M. delavayi.

MORINDA (Rubiaceae).

- coreia
var. stenophylla (Spreng.) M. Chandrabose in M. Chandrabose & N.C. Nair, *Fl. Coimbatore*: 142 (1988); M. stenophylla.
 longipedunculata J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 75(1): 340 (1988)—Venezuela.
 sessiliflora Bertol., *Syll. Pl. Hort. Bot. Bonon.*, 1827: 5 (1827) et *Nov. Comm. Acad. Sci. Bonon.*, 4: 19, t. 4 (1840); cf. D.J. Mabberley in *Taxon*, 32(1): 82 (1983)—Windward Is.
 umbellata
 subsp. boninensis (Ohwi) T. Yamazaki in *J. Jap. Bot.*, 61(11): 343 (1986); M. boninensis.
var. boninensis (Ohwi) T. Yamazaki in *J. Jap. Bot.*, 61(11): 343 (1986); M. boninensis.
var. hazazimensis T. Yamazaki in *J. Jap. Bot.*, 61(11): 343 (1986)—Bonin Is.

MORMODES (Orchidac.).

- auriculata F. Miranda in *Lindleyana*, 4(2): 95 (1989)—Brazil.
 cozticochitl G.A. Salazar Chávez in *Orquidea (México)*, 12(1): 75 (1990)—Mexico.
 densiflora F. Miranda in *Lindleyana*, 4(2): 95 (1989)—Brazil.
 elegans F. Miranda in *Lindleyana*, 4(2): 94 (1989)—Brazil.
 hirsutissima F. Miranda in *Lindleyana*, 4(2): 98 (1989)—Brazil.
 oestlundiana G.A. Salazar Chávez & E. Hågsater in *Orquidea (México)*, 12(1): 66 (1990)—Mexico.
 tuxtensis G.A. Salazar Chávez in *Orquidea (México)*, 11: 52 (1988)—Mexico.

MORUS (Morac.).

- australis
var. incisa C.Y. Wu in *Acta Bot. Yunnanica*, 11(1): 26 (1989)—China.
var. inusitata (Lévl.) C.Y. Wu in *Acta Bot. Yunnanica*, 11(1): 25 (1989); M. inusitata.
 chinlingensis C.L. Min in *Acta Bot. Bor.-Occid. Sin.*, 6(4): 277 (1986)—China.
 mongolica
var. hopeiensis S.S. Chang in *Acta Bot. Yunnanica*, 11(1): 24 (1989)—China.

MOSCHOXYLUM A. Jussieu in Mirb. & Cass. apud Guill. in *Bull. Sci. Nat. Geol.*, 23: 237 (1830); cf. D.J. Mabberley in *Taxon*, 31(1): 66 (1982). **MELIACEAE**.

MOSIERA (Myrtac.).

- acunae (Borhidi & Muñiz) J. Bisse in *Rev. Jard. Bot. Nacion. Univ. Habana*, 6(3): 5 (1985 publ. 1986); *Myrtus acunae*.
 arancosa (Urb.) J. Bisse in *Rev. Jard. Bot. Nacion. Univ. Habana*, 6(3): 5 (1985 publ. 1986); *Psidium arancosum*.
 bullata (Britt. & Wils.) J. Bisse in *Rev. Jard. Bot. Nacion. Univ. Habana*, 6(3): 5 (1985 publ. 1986); *Myrtus bullata*.
 subsp. leiophloea (Urb.) J. Bisse in *Rev. Jard. Bot. Nacion. Univ. Habana*, 6(3): 5 (1985 publ. 1986); *Psidium leiophloeum*.
 buxoides (Urb.) J. Bisse in *Rev. Jard. Bot. Nacion. Univ. Habana*, 6(3): 4 (1985 publ. 1986); *Eugenia buxoides*.
 ekmanii (Urb.) J. Bisse in *Rev. Jard. Bot. Nacion. Univ. Habana*, 6(3): 4 (1985 publ. 1986); *Myrtus ekmanii*.
 elliptica (Wr.) J. Bisse in *Rev. Jard. Bot. Nacion. Univ. Habana*, 6(3): 5 (1985 publ. 1986); *Myrtus elliptica*.
 subsp. matanzasia (Urb.) J. Bisse in *Rev. Jard. Bot. Nacion. Univ. Habana*, 6(3): 5 (1985 publ. 1986); *Myrtus matanzasia*.
 flavicans (Urb. & Ekm.) J. Bisse in *Rev. Jard. Bot. Nacion. Univ. Habana*, 6(3): 5 (1985 publ. 1986); *Eugenia flavicans*.

- MOSIERA** :-
subsp. cabanasensis (Britt. & Wils.) J. Bisse in *Rev. Jard. Bot. Nacion. Univ. Habana*, 6(3): 5 (1985 publ. 1986); *Eugenia cabanasensis*.
subsp. pastelillensis (Urb.) J. Bisse in *Rev. Jard. Bot. Nacion. Univ. Habana*, 6(3): 5 (1985 publ. 1986); *Eugenia pastelillensis*.
guineensis (Sw.) J. Bisse in *Rev. Jard. Bot. Nacion. Univ. Habana*, 6(3): 4 (1985 publ. 1986); *Psidium guineense*.
havanensis (Urb.) J. Bisse in *Rev. Jard. Bot. Nacion. Univ. Habana*, 6(3): 4 (1985 publ. 1986); *Psidium havanense*.
jackii (Urb.) J. Bisse in *Rev. Jard. Bot. Nacion. Univ. Habana*, 6(3): 5 (1985 publ. 1986); *Psidium jackii*.
moensis (Britt. & Wils.) J. Bisse in *Rev. Jard. Bot. Nacion. Univ. Habana*, 6(3): 4 (1985 publ. 1986); *Eugenia moensis*.
munizii (Borhidi) J. Bisse in *Rev. Jard. Bot. Nacion. Univ. Habana*, 6(3): 5 (1985 publ. 1986); *Myrtus munizii*.
nummularioides (Britt. & Wils.) J. Bisse in *Rev. Jard. Bot. Nacion. Univ. Habana*, 6(3): 5 (1985 publ. 1986); *Myrtus nummularioides*.
oonophylla (Urb.) J. Bisse in *Rev. Jard. Bot. Nacion. Univ. Habana*, 6(3): 4 (1985 publ. 1986); *Eugenia oonophylla*.
ophiticola (Britt. & Wils.) J. Bisse in *Rev. Jard. Bot. Nacion. Univ. Habana*, 6(3): 5 (1985 publ. 1986); *Myrtus ophiticola*.
sagrae (Berg) J. Bisse in *Rev. Jard. Bot. Nacion. Univ. Habana*, 6(3): 4 (1985 publ. 1986); *Myrtus sagrae*.
- MOTLEYIA** J.T. Johansson in *Blumea*, 32(1): 149 (1987). **RUBIACEAE**.
borneensis J.T. Johansson in *Blumea*, 32(1): 150 (1987)—Borneo (Sarawak, Sabah).
- MOURETIA** (Rubiaceae).
tonkinensis
var. inaequalis H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(4): 48 (1986)—Vietnam.
- MOURIRI** (Melastomataceae).
gleasoniana
var. coibensis (Morley) T. Morley in *Ann. Missouri Bot. Gard.*, 76(2): 437 (1989); *M. coibensis*.
latihila T. Morley in *Ann. Missouri Bot. Gard.*, 76(2): 434 (1989)—Venezuela.
osaensis T. Morley in *Ann. Missouri Bot. Gard.*, 76(2): 430 (1989)—Costa Rica.
papillosa T. Morley in *Ann. Missouri Bot. Gard.*, 76(2): 432 (1989)—Venezuela.
retentipetala T. Morley in *Ann. Missouri Bot. Gard.*, 76(2): 434 (1989)—Brazil, Peru.
- MUCOA** J.L. Zarucchi in *Agric. Univ. Wageningen Pap.*, 87(1): 40 (1987 publ. 1988). **APOCYNACEAE**.
duckei (Markgraf) J.L. Zarucchi in *Agric. Univ. Wageningen Pap.*, 87(1): 42 (1987 publ. 1988); *Neocouma duckei*.
pantchenkoana (Markgraf) J.L. Zarucchi in *Agric. Univ. Wageningen Pap.*, 87(1): 46 (1987 publ. 1988); *Ambelania pantchenkoana*.
- MUCUNA** (Legumin.).
ckienkweiensis G.Z. Li in *J. Wuhan Bot. Res.*, 8(2): 144 (1990)—China.
glabra (Reinecke) C.M. Wilmot-Dear in *Kew Bull.*, 45(1): 21 (1990); *M. urens* var. *glabra*.
kawakabuti H. Wiriadinata in *J. Jap. Bot.*, 65(4): 97 (1990)—Lesser Sunda Is.
killipiana J.I. Hernández Camacho & C. Barbosa in *Trianea, Acta Cient. Tecnol. Inderena*, 1: 38 (1988)—Colombia.
kostermansii H. Wiriadinata in *J. Jap. Bot.*, 65(4): 99 (1990)—Lesser Sunda Is.
pruriens
subsp. deeringiana (Bort) P. Hanelt in *R. Mansfeld, Verz. Landwirtsch. u. Gartn. Kulturpfl.*, Auf. 2, ed. J. Schultz-Motel, 1: 533 (1986); *Stizolobium deeringiana*.
var. hirsuta (Wight & Arn.) C.M. Wilmot-Dear in *Kew Bull.*, 42(1): 44 (1987); *M. hirsuta*.
schmutzii H. Wiriadinata in *J. Jap. Bot.*, 65(4): 102 (1990)—Lesser Sunda Is.
- MUCUNA** :-
sloanci
var. persericea C.M. Wilmot-Dear in *Kew Bull.*, 45(1): 27 (1990)—Hawaiian Is.
subumbellata C.M. Wilmot-Dear in *Kew Bull.*, 45(1): 8 (1990) British Solomon Is.
sumbawaensis H. Wiriadinata in *J. Jap. Bot.*, 65(4): 104 (1990)—Lesser Sunda Is.
- MUEHLENBECKIA** (Polygonac.).
andina J. Brandbyge in *Fl. Ecuador*, 38(34): 27 (1989)—Bolivia, Ecuador.
tilifolia
var. glabra J. Brandbyge in *Fl. Ecuador*, 38(34): 31 (1989)—Ecuador, Peru, Bolivia.
- MUHLENBERGIA** (Gramin.).
caxamarcensis S. Laegaard & I. Sánchez Vega in *Nordic J. Bot.*, 10(4): 437 (1990)—Peru.
curviaristata
f. nipponica (Ohwi) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 518 (1987); *M. curviaristata* var. *nipponica*.
durangensis Y. Herrera Arrieta in *Phytologia*, 63(6): 457 (1987)—Mexico.
majalcensis P.M. Peterson in *Syst. Bot.*, 14(3): 316 (1989)—Mexico.
maxima S. Laegaard & I. Sánchez Vega in *Nordic J. Bot.*, 10(4): 439 (1990)—Peru.
palmirensis I. Grignon & S. Laegaard in *Nordic J. Bot.*, 9(1): 47 (1989)—Ecuador.
- MUKIA** G.A.W. Arnott in *Madras J. Lit. Sci.*, 12: 50 (1840). **CUCURBITACEAE**.
- MULGEDIUM** (Compos.).
bracteatum (Hook. f. & Thoms. ex C.B. Clarke) C. Shih in *Acta Phytotax. Sin.*, 26(5): 390 (1988); *Lactuca bracteata*.
meridionale C. Shih in *Acta Phytotax. Sin.*, 26(5): 392 (1988)—China.
monocephalum (Chang) C. Shih in *Acta Phytotax. Sin.*, 26(5): 391 (1988); *Lactuca monocephala*.
polypodiifolium (Franch.) C. Shih in *Acta Phytotax. Sin.*, 26(5): 392 (1988); *Lactuca polypodiifolia*.
umbrosium (Dunn) C. Shih in *Acta Phytotax. Sin.*, 26(5): 391 (1988); *Lactuca umbrosa*.
- MULTIDENTIA** (Rubiaceae).
castaneae (Robyns) D.M. Bridson & B. Verdcourt in *Kew Bull.*, 42(3): 651 (1987); *Vangueriopsis castaneae*.
concrecens (Bullock) D.M. Bridson & B. Verdcourt in *Kew Bull.*, 42(3): 653 (1987); *Pygmaeothamnus concrecens*.
crassa (Hiern) D.M. Bridson & B. Verdcourt in *Kew Bull.*, 42(3): 652 (1987); *Canthium crassum*.
var. ampla (S. Moore) D.M. Bridson & B. Verdcourt in *Kew Bull.*, 42(3): 653 (1987); *Canthium amplum*.
dichrophylla (Mildbr.) D.M. Bridson in *Kew Bull.*, 42(3): 646 (1987); *Plectronia dichrophylla*.
exserta D.M. Bridson in *Kew Bull.*, 42(3): 647 (1987)—Tanzania, Mozambique, Zimbabwe.
subsp. robsonii D.M. Bridson in *Kew Bull.*, 42(3): 649 (1987)—Zambia, Mozambique, Malawi.
fanshawei (Tennant) D.M. Bridson in *Kew Bull.*, 42(3): 647 (1987); *Canthium fanshawei*.
kingupirensis D.M. Bridson in *Kew Bull.*, 42(3): 649 (1987)—Tanzania.
pobeguinii (Hutch. & Dalz.) D.M. Bridson in *Kew Bull.*, 42(3): 646 (1987); *Canthium pobeguinii*.
sclerocarpa (K. Schum.) D.M. Bridson in *Kew Bull.*, 42(3): 650 (1987); *Plectronia sclerocarpa*.
- MUNNOZIA** (Compos.).
fournetii H. Robinson in *Phytologia*, 63(5): 407 (1987)—Bolivia.
- MUNRONIA** (Meliac.).
hainanensis
var. microphyllina X.M. Chen in *J. Wuhan Bot. Res.*, 4(2): 173 (1986)—China.
pinnata (Wall.) W. Theobald in *F. Mason, Burmah*, ed. 3, 2: 581 (1883); cf. D.J. Mabberley in *Taxon*, 34(1): 155 (1985); *Turraea pinnata*.
- MURALTIA** (Polygalac.).
bondii J.H.J. Vlok in *S. Afr. J. Bot.*, 55(3): 365 (1989)—South Africa (Cape Province).
- MURCHISONIA** (Anthericac.).
volubilis N.H. Brittan in *Fl. S. Australia*, 4: 1762 (1986)—Australia (W. Australia, N. Terr., S. Australia).
- MURDANNIA** (Commelinac.).
nimmoniana (Graham) P.V. Bole & M.R. Almeida in *J. Bombay Nat. Hist. Soc.*, 83(3): 593 (1986 publ. 1987); *Commelina nimmoniana*.
- MURRAYA** (Rutac.).
sect. Bergera (Koenig ex L.) P.P.H. But & Y.C. Kong in *Acta Phytotax. Sin.*, 24(3): 189 (1986); gen. *Bergera*.
- MUSA** (Musac.).
dechangensis J.L. Liu & M.G. Liu in *Acta Bot. Yunnanica*, 9(2): 163 (1987)—China.
lushanensis J.L. Liu in *Acta Bot. Yunnanica*, 11(2): 171 (1989)—China.
luteola J.L. Liu in *Invest. Stud. Nat., Mus. Hist. Nat. Shanghaiense*, 10: 41 (1990)—China.
- MUSCARI** (Hyacinthac.).
botryoides
subsp. motelayi (Fouc.) M. Kerguelen in *Lejeunia*, 120: 130 (1987); *M. motelayi*.
macbeathianum Kit Tan in *Herbertia*, 44(1): 26 (1988), as 'macbeathianum'—Turkey.
matritensis M. Ruiz Rejón, L. Pascual, C. Ruiz Rejón, B. Valdés & J.L. Oliver in *Lagascalia*, 14(2): 295 (1986)—Spain.†
mirum F. Speta in *Phyton (Austria)*, 29(1): 107 (1989)—Turkey.
sandrasicum T. Karlén in *Willdenowia*, 16(2): 375 (1987)—Turkey.
- MUSELLA** (Fr.) Wu ex H.W. Li in *Acta Phytotax. Sin.*, 16(3): 57 (1978), et in *Fl. Yunnanica*, 2: 727 (1979); *Musa* sect. *Musella* (Musac.).†
lasiocarpa (Fr.) Wu ex H.W. Li in *Acta Phytotax. Sin.*, 16(3): 56 (1978), et in *Fl. Yunnanica*, 2: 727 (1979); *Musa lasiocarpa*.†
- MUSSAENDA** (Rubiaceae).
andersonii S.K. Basu & T.K. Paul in *J. Bombay Nat. Hist. Soc.*, 86(3): 430 (1989 publ. 1990)—Sikkim, India.
chingii C.Y. Wu ex H.H. Hsue & H. Wu in *Acta Phytotax. Sin.*, 24(3): 236 (1986)—China.
inflata H.H. Hsue & H. Wu in *Acta Phytotax. Sin.*, 24(3): 234 (1986)—China.
mollissima C.Y. Wu ex H.H. Hsue & H. Wu in *Acta Phytotax. Sin.*, 24(3): 235 (1986)—China.
multinervis C.Y. Wu ex H.H. Hsue & H. Wu in *Acta Phytotax. Sin.*, 24(3): 237 (1986)—China.
pingbianensis C.Y. Wu ex H.H. Hsue & H. Wu in *Acta Phytotax. Sin.*, 24(3): 233 (1986)—China.
pubescens
f. clematidiflora Chun ex H.H. Hsue & H. Wu in *Acta Phytotax. Sin.*, 24(3): 239 (1986)—China.
- MYCETIA** (Rubiaceae).
membranacea N. Fukuoka in *Acta Phytotax. Geobot.*, 40(1-4): 112 (1989)—Thailand.
ovatifoliolata N. Fukuoka in *Acta Phytotax. Geobot.*, 40(1-4): 110 (1989)—Thailand.
paniculiformis N. Fukuoka in *Acta Phytotax. Geobot.*, 40(1-4): 114 (1989)—Thailand.
rodgeri D.B. Deb & Mondal in *Bull. Bot. Surv. India*, 28(1-4): 127 (1986 publ. 1988)—Burma.
siamensis N. Fukuoka in *Acta Phytotax. Geobot.*, 40(1-4): 114 (1989)—Thailand.
stipulata
subsp. macrostachya (Hook. f.) D.B. Deb in *Bull. Bot. Surv. India*, 28(1-4): 129 (1986 publ. 1988); *Adenosacme macrostachya*.
- MYOGALUM** (Liliac.).
coarctatum (Jacq.) Endl., *Cat. Horti Vindob.*, 1: 134 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 435 (1984); *Basionym* not stated.

MYOGALUM :-

- flavescens (Jacq.) Endl., *Cat. Horti Vindob.*, 1: 134 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 435 (1984): Basionym not stated.
 thyrsoides (Jacq.) Endl., *Cat. Horti Vindob.*, 1: 134 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 435 (1984): Ornithogalum thyrsoides.

MYOPORUM (Myoporac.).

- glandulosum (Spin) Spin, *Cat. Jard. Bot. St. Seb.*: 18, 29 (1818); cf. D.J. Mabberley in *Taxon*, 33(3): 442 (1984): Bertolonia glandulosa.
 kermadecense W.R. Sykes in *New Zealand J. Bot.*, 25(4): 595 (1987 publ. 1988)—Kermadec Is.
 turbinatum R.J. Chinnock in *Nuytsia*, 5(3): 398 (1986)—Australia (W. Australia).

MYOSOTIS (Boraginac.).

- ser. Alpestris D.N. Dobrochaeva in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 125 (1976 publ. 1977).
 cyanea (Boiss. & Heldr.) D. Peev & N. Andreev in *Fl. Nar. Republ. Bulgariya*, 9: 196 (1989): M. sylvatica f. cyanea.
 jordanovii N. Andreev & D. Peev in *Fl. Nar. Republ. Bulgariya*, 9: 506, 198 (1989)—Bulgaria.
 orbelica (Vel.) D. Peev & N. Andreev in *Fl. Nar. Republ. Bulgariya*, 9: 210 (1989): M. palustris var. orbelica.
 radix-palaris A.P. Khokhryakov in *Byull. Glavn. Bot. Sada (Moscow)*, 152: 60 (1989)—U.S.S.R. (Caucasus).
 scorpioides
 var. praecox (Hülph.) B. Jonsell in *Blyttia*, 46(1-2): 67 (1988): M. praecox.
 superalpina A.P. Khokhryakov in *Byull. Glavn. Bot. Sada (Moscow)*, 152: 59 (1989)—U.S.S.R. (Caucasus).
 tenuis (Ledeb.) Mörch, *Cat. Hort. Bot. Hafn.*: 64 (1839); cf. D.J. Mabberley in *Taxon*, 33(3): 439 (1984): Basionym not stated.

MYOSURUS (Ranunculac.).

- minimus
 subsp. novae-zelandiae (Oliver) P.J. Garnock-Jones in *New Zealand J. Bot.*, 24(2): 352 (1986): M. novae-zelandiae.

MYOXANTHUS (Orchidac.).

- aspasicensis (Rehb. f.) C.A. Luer, *Ic. Pleurothallid. I-Syst. Pleurothallidinae (Monogr. Syst. Bot. Missouri Bot. Gard. 15)*: 38 (1986): Pleurothallis aspasicensis.
 lappiformis (Heller & L.O. Wms.) C.A. Luer, *Ic. Pleurothallid. I-Syst. Pleurothallidinae (Monogr. Syst. Bot. Missouri Bot. Gard. 15)*: 38 (1986): Pleurothallis lappiformis.
 pan (Luer) C.A. Luer, *Ic. Pleurothallid. I-Syst. Pleurothallidinae (Monogr. Syst. Bot. Missouri Bot. Gard. 15)*: 38 (1986): Pleurothallis pan.
 pastacensis (Luer) C.A. Luer, *Ic. Pleurothallid. I-Syst. Pleurothallidinae (Monogr. Syst. Bot. Missouri Bot. Gard. 15)*: 38 (1986): Pleurothallis pastacensis.
 sempergemmatus (Luer) C.A. Luer, *Ic. Pleurothallid. I-Syst. Pleurothallidinae (Monogr. Syst. Bot. Missouri Bot. Gard. 15)*: 38 (1986): Pleurothallis sempergemmata.
 spilanthus (Barb. Rodr.) C.A. Luer, *Ic. Pleurothallid. I-Syst. Pleurothallidinae (Monogr. Syst. Bot. Missouri Bot. Gard. 15)*: 38 (1986): Pleurothallis spilantha.
 stonei (Luer) C.A. Luer, *Ic. Pleurothallid. I-Syst. Pleurothallidinae (Monogr. Syst. Bot. Missouri Bot. Gard. 15)*: 38 (1986): Pleurothallis stonei.
 uncinata (Fawc.) C.A. Luer, *Ic. Pleurothallid. I-Syst. Pleurothallidinae (Monogr. Syst. Bot. Missouri Bot. Gard. 15)*: 38 (1986): Pleurothallis uncinata.

MYRCEUGENIA (Myrtac.).

- decussata J.R. Mattos in *Loefgrenia*, 94: 8 (1989)—Brazil.

MYRCIA (Myrtac.).

- botris (Berg) N.J.E. Silveira in *Loefgrenia*, 91: 1 (1987): Aulomyrcia botris.
 curassavica (Amsh.) A.L. Stoffers in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 84(3): 349 (1981): Aulomyrcia curassavica.

MYRCIA :-

- rufipes
 var. dives (Berg) N.J.E. Silveira in *Loefgrenia*, 91: 2 (1987): Aulomyrcia rufipes var. dives.
 selloi (Spreng.) N.J.E. Silveira in *Loefgrenia*, 89: 5 (1986): Myrtus selloi.
 var. acutata (Bg.) N.J.E. Silveira in *Loefgrenia*, 89: 6 (1986): Aulomyrcia ramulosa var. acutata.
 var. australis (Berg) N.J.E. Silveira in *Loefgrenia*, 89: 7 (1986): Aulomyrcia ramulosa var. australis.
 var. megapota mica (Legr.) N.J.E. Silveira in *Loefgrenia*, 92: 3 (1988): M. ramulosa var. megapota mica.
 var. microsiphonata (Legr.) N.J.E. Silveira in *Loefgrenia*, 89: 7 (1986): M. microsiphonata.
 velhensis (Berg) N.J.E. Silveira in *Loefgrenia*, 91: 1 (1987): Aulomyrcia velhensis.

MYRCIANTHES (Myrtac.).

- coquimbensis (Barnéoud) L.R. Landrum & F.T. Grifo in *Brittonia*, 40(3): 290 (1988): Myrtus coquimbensis.
 rigidissima (Cufodontis) W.D. Stevens in *Phytologia*, 64(5): 333 (1988): Eugenia rigidissima.

MYRCIARIA (Myrtac.).

- sulcata J.R. Mattos in *Loefgrenia*, 90: 2 (1986)—Brazil.

MYRIACTIS (Compos.).

- cuchumatanica (Beaman & De Jong) J. Cuatrecasas in *An. Jard. Bot. Madrid*, 42(2): 422 (1985 publ. 1986): Lagenophora cuchumatanica.
 humilis
 var. bipinnatisecta (Kitamura) S.S. Ying, *Alp. Pl. Taiwan in Color*, 2: 276 (1978): M. bipinnatisecta.
 minuscula (Cuatr.) J. Cuatrecasas in *An. Jard. Bot. Madrid*, 42(2): 422 (1985 publ. 1986): Lagenifera minuscula.
 panamensis (Blake) J. Cuatrecasas in *An. Jard. Bot. Madrid*, 42(2): 422 (1985 publ. 1986): Lagenophora panamensis.
 sakirana (Cuatr.) J. Cuatrecasas in *An. Jard. Bot. Madrid*, 42(2): 422 (1985 publ. 1986): Lagenifera sakirana.
 westonii (Cuatr.) J. Cuatrecasas in *An. Jard. Bot. Madrid*, 42(2): 422 (1985 publ. 1986): Lagenifera westonii.

MYRICA (Myricac.).

- nagi C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 884 (1784)—Japan.†

MYRIOEPHALUS (Compos.).

- pluriflorus (J. Black) D.A. Cooke in *Fl. S. Australia*, 3: 1563 (1986): M. rhizocephalus var. pluriflorus.

MYRIOPHYLLUM (Haloragac.).

- alpinum A.E. Orchard in *Brunonia*, 8(2): 208 (1986)—Australia (New South Wales, Victoria).
 austropygmaeum A.E. Orchard in *Brunonia*, 8(2): 280 (1986)—Tasmania.
 balladoniense A.E. Orchard in *Brunonia*, 8(2): 221 (1986)—Australia (W. Australia).
 callitrichoides
 subsp. striatum A.E. Orchard in *Brunonia*, 8(2): 252 (1986)—Australia (W. Australia).
 costatum A.E. Orchard in *Brunonia*, 8(2): 245 (1986)—Australia (W. Australia).
 crispatum A.E. Orchard in *Brunonia*, 8(2): 210 (1986)—Australia (New South Wales, Queensland, Victoria, ?S. Australia, W. Australia), Tasmania.
 decussatum A.E. Orchard in *Brunonia*, 8(2): 282 (1986)—Australia (W. Australia).
 echinatum A.E. Orchard in *Brunonia*, 8(2): 259 (1986)—Australia (W. Australia).
 gracile
 var. laeve A.E. Orchard in *Brunonia*, 8(2): 235 (1986)—Australia (Queensland).
 var. lineare A.E. Orchard in *Brunonia*, 8(2): 234 (1986)—Australia (New South Wales, Queensland).
 implicatum A.E. Orchard in *Brunonia*, 8(2): 240 (1986)—Australia (Queensland, ?New South Wales).
 limnophilum A.E. Orchard in *Brunonia*, 8(2): 252 (1986)—Australia (W. Australia).

MYRIOPHYLLUM :-

- lophatum A.E. Orchard in *Brunonia*, 8(2): 277 (1986)—Australia (New South Wales, Victoria).
 muricatum A.E. Orchard in *Brunonia*, 8(2): 223 (1986)—Australia (N. Terr., Queensland).
 papillosum A.E. Orchard in *Brunonia*, 8(2): 214 (1986)—Australia (New South Wales, Victoria, S. Australia, ?Queensland).
 pedunculatum
 subsp. longibracteolatum (Schindler) A.E. Orchard in *Brunonia*, 8(2): 273 (1986): M. longibracteolatum.
 petraeum A.E. Orchard in *Brunonia*, 8(2): 247 (1986)—Australia (W. Australia).
 simulans A.E. Orchard in *Brunonia*, 8(2): 203 (1986)—Australia (S. Australia, Victoria, New South Wales, Queensland), Tasmania.
 striatum A.E. Orchard in *Brunonia*, 8(2): 243 (1986)—Australia (New South Wales, Queensland, Victoria).

MYRISTICA (Myristicac.).

- alba W.J.J.O. de Wilde in *Blumea*, 35(1): 238 (1990)—Moluccas.
 bifurcata (Sinclair) W.J.J.O. de Wilde in *Blumea*, 35(1): 239 (1990): M. lancifolia var. bifurcata.
 subsp. sulcata W.J.J.O. de Wilde in *Blumea*, 35(1): 241 (1990)—Moluccas.
 fissurata W.J.J.O. de Wilde in *Blumea*, 35(1): 243 (1990)—Moluccas.
 lakilaki G. Murata & A. Nitta in *Acta Phytotax. Geobot.*, 40(5-6): 177 (1989)—Moluccas.
 lancifolia
 subsp. montana (Roxb.) W.J.J.O. de Wilde in *Blumea*, 35(1): 247 (1990): M. montana.
 lepidota
 subsp. montanoides (Warb.) W.J.J.O. de Wilde in *Blumea*, 35(1): 248 (1990): M. montanoides.
 pubicarpa W.J.J.O. de Wilde in *Blumea*, 35(1): 251 (1990)—Moluccas.
 robusta W.J.J.O. de Wilde in *Blumea*, 35(1): 253 (1990)—Moluccas.
 sangowensis (Sinclair) W.J.J.O. de Wilde in *Blumea*, 35(1): 254 (1990): M. fatua var. sangowensis.
 simiarum
 subsp. celebica (Miq.) W.J.J.O. de Wilde in *Blumea*, 35(1): 255 (1990): M. celebica.

×MYRMECOLAELIA (Orchidac.).

- fuchsii F. Hamer in *Ic. Pl. Trop.*, 13 (Orch. Nicaragua, pt. 6): t. 1236 (1985), without latin descr.—Nicaragua. (Laelia rubescens × Myrmecophila wendlandii).

MYRSINE (Myrsinac.).

- rolletii R.A. Howard in *Phytologia*, 65(4): 287 (1988), nom. nov.: Rapanea rotundifolia Mez.
 vaccinioides W.L. Wagner, D.R. Herbst & S.H. Sohmer in *Bishop Mus. Occas. Pap.*, 29: 107 (1989)—Hawaiian Is.

×MYRTOCEREUS R. Mottram, *Contrib. New Class. Cact. Fam.*: 59 (1990). **CACTACEAE.**

- (Myrtillocactus × Nyctocereus).

MYRTUS (Myrtac.).

- artensis (Montr.) A. Guillaumin & G. Beauvisage in *Ann. Soc. Bot. Lyon*, 38: 91 (1913 publ. 1914); et *Sp. Montrouz.*: 17 (1914) (reprint): Helianthemum artense.†
 laevis C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 461 (1784)—Japan.†
 pimentoides (DC.) T. Nees, *Pl. Offic., Suppl.*: t. 89 (1833); cf. D.J. Mabberley in *Taxon*, 30(1): 16 (1981): Basionym not stated.

MYSCOLUS (Compos.).

- hispanicus (L.) Endl., *Cat. Horti Vindob.*, 1: 410 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 435 (1984): Scorzonera hispanica.

MYSTACIDIUM (Orchidac.).

- nguruense P.J. Cribb in *Fl. Trop. E. Afr., Orchidac. (Part 3)*: 596 (1989)—Tanzania.

MYXOPAPPUS M. Källersjö in Bot. J. Linn. Soc., 96(4): 314 (1988). *COMPOSITAE*.
acutilobus (DC.) M. Källersjö in Bot. J. Linn. Soc., 96(4): 315 (1988): *Tanacetum acutilobum*.
hereroensis (O. Hoffm.) M. Källersjö in Bot. J. Linn. Soc., 96(4): 316 (1988): *Pentzia hereroensis*.

MYZORRHIZA (Scrophulariac.).
comosa (Walp.) J. Holub in *Preslia*, 62(3): 196 (1990): *Anoplanthus comosus*.
multicaulis (Brandege) J. Holub in *Preslia*, 62(3): 196 (1990): *Orobancha multicaulis*.
parishii (Jepson) J. Holub in *Preslia*, 62(3): 196 (1990): *Orobancha californica* var. *parishii*.
tacnaensis (Mattf.) J. Holub in *Preslia*, 62(3): 196 (1990): *Orobancha tacnaensis*.
valida (Jepson) J. Holub in *Preslia*, 62(3): 196 (1990): *Orobancha valida*.
vallicola (Jepson) J. Holub in *Preslia*, 62(3): 196 (1990): *Orobancha comosa* var. *vallicola*.
weberbaueri (Mattf.) J. Holub in *Preslia*, 62(3): 196 (1990): *Orobancha weberbaueri*.

MZYMTELLA A.A. Kolakovskii in *Soobshch. Akad. Nauk Gruz. SSR*, 103(1): 150 (1981). *CAMPANULACEAE*.
sclerophylla A.A. Kolakovskii in *Soobshch. Akad. Nauk Gruz. SSR*, 103(1): 151 (1981)—U.S.S.R. (Caucasus).

N

NABALUS (Compos.).
albus (L.) C. Shih in *Acta Phytotax. Sin.*, 25(3): 194 (1987): *Prenanthes alba*.

NAGEIA (Podocarpaceae).
sect. Afrocarpus (Buchholz & Gray) D.J. de Laubenfels in *Blumea*, 32(1): 211 (1987): *Podocarpus* sect. *Afrocarpus*.
sect. Polypodiopsis (Bertrand) D.J. de Laubenfels in *Blumea*, 32(1): 210 (1987): *Podocarpus* sect. *Polypodiopsis*.
comptonii (Buchholz) D.J. de Laubenfels in *Blumea*, 32(1): 211 (1987): *Podocarpus comptonii*.
fleuryi (Hickel) D.J. de Laubenfels in *Blumea*, 32(1): 210 (1987): *Podocarpus fleuryi*.
formosensis (Dummer) C.N. Page in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 382 (1988 publ. 1989): *Podocarpus formosensis*.
maximus (de Laub.) D.J. de Laubenfels in *Blumea*, 32(1): 210 (1987): *Decussocarpus maximus*.
motleyi (Parl.) D.J. de Laubenfels in *Blumea*, 32(1): 210 (1987): *Dammara motleyi*.
nagi
var. formosensis (Dummer) J. Silba in *Phytologia*, 68(1): 38 (1990): *Podocarpus formosensis*.
piresii (Silba) D.J. de Laubenfels in *Blumea*, 32(1): 211 (1987): *Decussocarpus piresii*.
rospigliosii (Pilger) D.J. de Laubenfels in *Blumea*, 32(1): 211 (1987): *Podocarpus rospigliosii*.

NAJAS (Najadac.).
arguta
var. podostemon (Magnus) R.M. Lowden in *Aquatic Bot.*, 24(2): 180 (1986): *N. podostemon*.
graminea
var. longidentata L. Triest in *Mém. Acad. Roy. Sci. Outre-Mer, Sci. Nat. Nouv. Sér.*, 22(1): 143 (1988)—Celebes.
var. recurvata J.B. He, L.Y. Zhou & H.Q. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 126 (1988)—China.
grossareolata L. Triest in *Mém. Acad. Roy. Sci. Outre-Mer, Sci. Nat. Nouv. Sér.*, 22(1): 103 (1988)—Sri Lanka.
guadalupensis
f. floridana (Haynes & Wentz.) R.M. Lowden in *Aquatic Bot.*, 24(2): 174 (1986): *N. guadalupensis* var. *floridana*.

NAJAS :-
halophila L. Triest in *Mém. Acad. Roy. Sci. Outre-Mer, Sci. Nat. Nouv. Sér.*, 22(1): 113 (1988)—Java, New Guinea (Papua New Guinea), Australia (Queensland).
marina
subsp. arsenariensis (Maire) L. Triest in *Mém. Acad. Roy. Sci. Outre-Mer, Sci. Nat. Nouv. Sér.*, 21(4): 32 (1987): *N. arsenariensis*.
subsp. commersonii L. Triest in *Mém. Acad. Roy. Sci. Outre-Mer, Sci. Nat. Nouv. Sér.*, 21(4): 27 (1987)—Réunion, Mauritius, Madagascar.
subsp. ehrenbergii (A. Br.) L. Triest in *Mém. Acad. Roy. Sci. Outre-Mer, Sci. Nat. Nouv. Sér.*, 21(4): 24 (1987): *N. major* var. *ehrenbergii*.
var. kashmirensis L. Triest in *Mém. Acad. Roy. Sci. Outre-Mer, Sci. Nat. Nouv. Sér.*, 22(1): 56 (1988)—India.
subsp. latior (K. Schum.) L. Triest in *Mém. Acad. Roy. Sci. Outre-Mer, Sci. Nat. Nouv. Sér.*, 22(1): 60 (1988): *N. marina* var. *latior*.
subsp. microcarpa (A. Br.) L. Triest in *Mém. Acad. Roy. Sci. Outre-Mer, Sci. Nat. Nouv. Sér.*, 21(4): 25 (1987): *N. major* var. *microcarpa*.
var. ohwii L. Triest in *Mém. Acad. Roy. Sci. Outre-Mer, Sci. Nat. Nouv. Sér.*, 22(1): 54 (1988)—Japan.
subsp. sumatrana (de Wilde) L. Triest in *Mém. Acad. Roy. Sci. Outre-Mer, Sci. Nat. Nouv. Sér.*, 22(1): 70 (1988): *N. marina* var. *sumatrana*.
subsp. susiana L. Triest in *Mém. Acad. Roy. Sci. Outre-Mer, Sci. Nat. Nouv. Sér.*, 22(1): 69 (1988)—Iraq, Iran.
orientalis L. Triest & P. Uotila in *Ann. Bot. Fenn.*, 23(2): 169 (1986)—Japan, U.S.S.R. (Soviet Far East), China.
poyangensis S.F. Guan & Q. Lang in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 78 (1987)—China.
pseudogracillima L. Triest in *Mém. Acad. Roy. Sci. Outre-Mer, Sci. Nat. Nouv. Sér.*, 22(1): 98 (1988)—Hong Kong.

NAMA (Hydrophyllac.).
californicum (A. Gray) J.D. Bacon in *Aliso*, 12(2): 332 (1989): *Lemmonia californica*.

NANDINA (Berberidac.).
domestica
var. linearifolia C.Y. Wu ex S.Y. Bao in *Acta Phytotax. Sin.*, 25(2): 154 (1987)—China.

NAPEANTHUS (Gesneriac.).
bicolor (L.O. Wms.) K. Barringer in *Phytologia*, 59(5): 365 (1986): *Tetranema bicolor*.

NARAVELIA (Ranunculac.).
eichleri M. Tamura in *Acta Phytotax. Geobot.*, 37(4-6): 109 (1986)—Thailand.

NARCISSUS (Amaryllidac.).
nothosubsect. Angustizettæ J. Fernández Casas in *Fontqueria*, 6: 39 (1984). (N. subsect. *Angustifoliae* × subsect. *Tazettæ*).
nothosect. Braxini J. Fernández Casas in *Fontqueria*, 6: 36 (1984). (N. sect. *Braxireon* × sect. *Serotini*).
nothosect. Bulbissi J. Fernández Casas in *Fontqueria*, 6: 36 (1984). (N. sect. *Bulbocodium* × sect. *Pseudonarcissi*).
nothosect. Bulbomedes J. Fernández Casas in *Fontqueria*, 6: 36 (1984). (N. sect. *Bulbocodium* × sect. *Ganymedes*).
nothosect. Bulboquillae J. Fernández Casas in *Fontqueria*, 6: 37 (1984). (N. sect. *Bulbocodium* × sect. *Jonquillae*).
sect. Chloraster (Haworth) E. Dorda & J. Fernández Casas in *Fontqueria*, 27: 120 (1989): gen. *Chloraster*.
nothosubsect. Chlorifoliae J. Fernández Casas in *Fontqueria*, 6: 39 (1984). (N. subsect. *Angustifoliae* × subsect. *Chloranthi*).
sect. Dubii J. Fernández Casas in *Fontqueria*, 6: 39 (1984).
nothosect. Dubiquillae J. Fernández Casas in *Fontqueria*, 6: 37 (1984). (N. sect. *Dubii* × sect. *Jonquillae*).
nothosect. Gancycissi J. Fernández Casas in *Fontqueria*, 6: 37 (1984). (N. sect. *Ganymedes* × sect. *Pseudonarcissi*).

NARCISSUS :-
nothosect. Ganyquillae J. Fernández Casas in *Fontqueria*, 6: 37 (1984). (N. sect. *Ganymedes* × sect. *Jonquillae*).
nothosect. Joncissus J. Fernández Casas in *Fontqueria*, 6: 37 (1984). (N. sect. *Jonquillae* × sect. *Narcissus*).
nothosect. Jonissi J. Fernández Casas in *Fontqueria*, 6: 37 (1984). (N. sect. *Jonquillae* × sect. *Pseudonarcissi*).
nothosect. Jonquizettæ J. Fernández Casas in *Fontqueria*, 6: 39 (1984). (N. sect. *Jonquillae* × sect. *Tazettæ*).
nothosect. Narcissettae J. Fernández Casas in *Fontqueria*, 6: 39 (1984). (N. sect. *Narcissus* × sect. *Tazettæ*).
nothosect. Nassi J. Fernández Casas in *Fontqueria*, 6: 39 (1984). (N. sect. *Narcissus* × sect. *Pseudonarcissi*).
nothosect. Pseudozettæ J. Fernández Casas in *Fontqueria*, 6: 39 (1984). (N. sect. *Pseudonarcissi* × sect. *Tazettæ*).
nothosect. Serozettæ J. Fernández Casas in *Fontqueria*, 6: 39 (1984). (N. sect. *Serotini* × sect. *Tazettæ*).
ajax Sweet, Hort. Suburb. Lond.: 67 (1818); cf. D.J. Maberley in *Taxon*, 31(1): 71 (1982)—Locality not stated.
albimarginatus D. & U. Müller-Doblies in *Flow. Pl. Afr.*, 50(2): t. 1986 (1989)—Morocco.
 × *alexandrei* J. Fernández Casas in *Fontqueria*, 11: 22 (1986)—Spain. (N. *citrinus* × *vasconicus*).
 × *aloyisii-villarii* J. Fernández Casas in *Fontqueria*, 11: 19 (1986)—Spain. (N. *alpestris* × *jacetanus*).
assoanus
var. pallens (Freyn ex Willk.) J. Fernández Casas in *Fontqueria*, 1: 10 (1982): *N. pallens*.
baeticus J. Fernández Casas in *Fontqueria*, 1: 11 (1982)—Spain.
 × *barrae* J. Fernández Casas in *Fontqueria*, 14: 18 (1987)—Spain. (N. *bulbocodium* × *cantabricus*).
 × *bergidensis* J. Fernández Casas & M.A. Rivas Ponce in *Fontqueria*, 21: 31 (1988)—Spain. (N. *fontqueri* × *triandrus*).
 × *brevitubulosus*
nothovar. javieri A. Fernandes in *Mem. Acad. Ciênc. Lisboa*, 27: 242 (1986); et in *Fontqueria*, 13: 12 (1987)—Portugal.
nothovar. paivae A. Fernandes in *Mem. Acad. Ciênc. Lisboa*, 27: 245 (1986); et in *Fontqueria*, 13: 15 (1987)—Portugal.
bugei (Fernández Casas) J. Fernández Casas in *Lagascalia*, 14(1): 176 (1986): *N. longispatus* var. *bugei*.
bulbocodium
subsp. citrinus (Baker) J. Fernández Casas in *Fontqueria*, 2: 39 (1982): *N. bulbocodium* var. *citrinus*.
subsp. quintanilhae A. Fernandes in *Bol. Soc. Brot.*, 60: 305 (1987)—Portugal.
calcicarpetanus J. Fernández Casas in *Fontqueria*, 2: 33 (1982)—Spain.
cantabricus
subsp. hedraeanthus (Webb & Heldr.) J. Fernández Casas in *Fontqueria*, 1: 12 (1982): *Corbularia hedraeantha*.
capax Salisb. ex Sweet, Hort. Suburb. Lond., (1818); cf. D.J. Maberley in *Taxon*, 31(1): 71 (1982)—Locality not stated.
 × *carpetanus* (Barra & G. López) J. Fernández Casas in *Fontqueria*, 6: 49 (1984): *N. bulbocodium* nothosubsp. *carpetanus*.
 × *cazorlanus* J. Fernández Casas in *Fontqueria*, 2: 37 (1982)—Spain. (N. *cantabricus* subsp. *hedraeanthus* × *triandrus* subsp. *pallidulus*).
citrinus (Baker) J. Fernández Casas in *Fontqueria*, 6: 49 (1984): *N. bulbocodium* var. *citrinus*.
 × *consolationis* J. Fernández Casas in *Fontqueria*, 2: 37 (1982)—Spain. (N. *nivalis* × *triandrus* subsp. *pallidulus*).
cordubensis J. Fernández Casas in *Fontqueria*, 1: 10 (1982)—Spain.
 × *emeritensis* J. Fernández Casas in *Fontqueria*, 14: 18 (1987)—Spain. (N. *pallidulus* × *tenuifolius*).
eugeniae J. Fernández Casas in *Fontqueria*, 1: 11 (1982)—Spain.
 × *felinieri* J. Fernández Casas in *Fontqueria*, 11: 16 (1986)—Spain.

NARCISSUS :-

- fernandesi
var. cordubensis (Fernández Casas) J. Fernández Casas in *Fontqueria*, 8: 31 (1985): N. cordubensis.
fontqueri J. Fernández Casas & M.A. Rivas Ponce in *Fontqueria*, 21: 27 (1988)—Spain.
genesii-lopezii J. Fernández Casas in *Fontqueria*, 14: 19 (1987)—Spain.
×herminii J. Fernández Casas & M.A. Rivas Ponce in *Fontqueria*, 20: 25 (1988)—Spain. (N. gr. nivalis × primigenius).
hispanicus
var. bujei (J. Fernández Casas) J. Fernández Casas in *Fontqueria*, 6: 41 (1984): N. longispathus var. bujei.
jacquemoudii J. Fernández Casas in *Fontqueria*, 10: 11 (1986)—Morocco.
jeanmonodii J. Fernández Casas in *Fontqueria*, 10: 9 (1986)—Morocco.
juresianus J. Fernández Casas in *Fontqueria*, 10: 10 (1986)—Spain.
longispathus
var. bujei J. Fernández Casas in *Fontqueria*, 2: 33 (1982)—Spain.
×lopezii J. Fernández Casas in *Fontqueria*, 2: 37 (1982)—Spain. (N. bulbocodium × obvallaris).
lusitanicus E. Dorda & J. Fernández Casas in *Fontqueria*, 27: 123 (1989)—Portugal.
×magni-antonii J. Fernández Casas in *Fontqueria*, 14: 18 (1987)—Spain. (N. cantabricus × tenuifolius).
marianicus J. Fernández Casas in *Fontqueria*, 1: 10 (1982)—Spain.
molerói J. Fernández Casas in *Fontqueria*, 14: 21 (1987)—Spain.
×montcaunicus J. Fernández Casas in *Fontqueria*, 2: 31 (1982)—Spain. (N. bulbocodium × eugeniae).
×montsicianus A.M. Romo in *Fontqueria*, 24: 15 (1989)—Spain. (N. assoanus × palearensis).
×neocarpetanus
nothovar. romanensis J.F. Ureña Plaza in *An. Jard. Bot. Madrid*, 43(1): 185 (1986)—Spain. (N. bulbocodium var. bulbocodium × cantabricus).
palearensis A.M. Romo in *Fontqueria*, 24: 15 (1989); et *Fl. Veg. Montsec (Pre-Pirineus Catalans)*: 329 (1989)—Spain.
perez-chiscanoi J. Fernández Casas in *Fontqueria*, 14: 19 (1987)—Spain.
×ponsii-sorollae J. Fernández-Casas, *Exsicc. nobis distrib.*, 3: 12 (1980)—Spain. (N. pallidulus × requienii).
primigenius (Fernández Suárez ex Lainz) J. Fernández Casas & Lainz in *Fontqueria*, 11: 15 (1986): N. pseudonarcissus var. primigenius.
pseudonarcissus
var. leonensis (Pugsley) M.A. Fernández Suárez ex M. Lainz, *Mis contrib. conocim. fl. Asturias*: 77 (1982): N. leonensis.
subsp. leonensis (Pugsley) J. Fernández Casas & Lainz in *Fontqueria*, 6: 50 (1984): N. leonensis.
var. primigenius M.A. Fernández Suárez ex M. Lainz, *Mis contrib. conocim. fl. Asturias*: 77 (1982)—Spain.
subsp. primigenius (Fernández Suárez ex Lainz) J. Fernández Casas & Lainz in *Fontqueria*, 6: 49 (1984): N. pseudonarcissus var. primigenius.
×pugsleyi J. Fernández Casas in *Fontqueria*, 6: 41 (1984)—Spain. (N. alpestris × assoanus).
radinganorum J. Fernández Casas in *Fontqueria*, 6: 41 (1984)—Spain.
redoutei Sweet, *Hort. Brit.*, ed. 2: 514 (1830); cf. D.J. Maberley in *Taxon*, 31(1): 71 (1982)—Locality not stated.
×rozeirae J. Fernández Casas & Pérez Chiscano in *Fontqueria*, 6: 43 (1984)—Spain. (N. bulbocodium × pallidulus).
segimonensis J. Fernández Casas in *Fontqueria*, 2: 31 (1982)—Spain.
×stenanthus (Lange) J. Fernández Casas in *Fontqueria*, 1: 12 (1982): N. pseudonarcissus f. stenantha. (N. confusus × nivalis).
subnivalis J. Fernández Casas in *Fontqueria*, 10: 10 (1986)—Spain.
×susannae J. Fernández Casas, *Exsicc. nobis distrib.*, 3: 13 (1980)—Spain. (N. cantabricus × pallidulus).
nothovar. toletanus J. Fernández Casas & M. Luceño in *An. Jard. Bot. Madrid*, 43(1): 187 (1986)—Spain. (N. cantabricus × pallidulus).

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- ×turgaliensis H. Dorda & J. Fernández Casas in *Bol. Soc. Bot.*, 60: 177 (1987)—Spain. (N. conspicuus × jonquilla).
vasconicus (Fernández Casas) J. Fernández Casas in *Fontqueria*, 11: 19 (1986): N. jacetanus subsp. vasconicus.

NARTHEX (Umbellif.).

- asafoetida Falconer ex Lindl., *Gard. Chron.*, 1846: 743 (7 Nov. 1846) et in *Athenaeum*, 1846(996): 1222 (1846); cf. D.J. Maberley in *Taxon*, 31(1): 71 (1982)—Locality not stated.

NASSAUVIA (Compos.).

- coronipappa M.T.K. Arroyo & C. Marticorena in *Brittonia*, 40(3): 332 (1988)—Chile.

NASSELLA (Gramin.).

- airoides (Ekman) M.E. Barkworth in *Taxon*, 39(4): 609 (1990): Stipa airoides.
amethystina (Steudel) M.E. Barkworth in *Taxon*, 39(4): 609 (1990): Stipa amethystina.
archavaletae (Speg.) M.E. Barkworth in *Taxon*, 39(4): 609 (1990): Stipa archavaletae.
ayacuchensis (Tovar) M.E. Barkworth in *Taxon*, 39(4): 609 (1990): Stipa ayacuchensis.
barrancaensis (Roig) M.E. Barkworth in *Taxon*, 39(4): 609 (1990): Stipa barrancaensis.
bonariensis (Henard & Parodi) M.E. Barkworth in *Taxon*, 39(4): 609 (1990): Stipa bonariensis.
brachychaeta (Godron) M.E. Barkworth in *Taxon*, 39(4): 609 (1990): Stipa brachychaeta.
brachychaetoides (Speg.) M.E. Barkworth in *Taxon*, 39(4): 609 (1990): Stipa brachychaetoides.
brachyphylla (A. Hitchc.) M.E. Barkworth in *Taxon*, 39(4): 609 (1990): Stipa brachyphylla.
cernua (Stebbins & Love) M.E. Barkworth in *Taxon*, 39(4): 609 (1990): Stipa cernua.
charruana (Arech.) M.E. Barkworth in *Taxon*, 39(4): 609 (1990): Stipa charruana.
clarazii (Ball) M.E. Barkworth in *Taxon*, 39(4): 609 (1990): Stipa clarazii.
cordobensis (Speg.) M.E. Barkworth in *Taxon*, 39(4): 609 (1990): Stipa cordobensis.
crassiflora (Roseng. & Arrill.) M.E. Barkworth in *Taxon*, 39(4): 609 (1990): Stipa crassiflora.
curamalalensis (Speg.) M.E. Barkworth in *Taxon*, 39(4): 609 (1990): Stipa curamalalensis.
curviseta (A. Hitchc.) M.E. Barkworth in *Taxon*, 39(4): 609 (1990): Stipa curviseta.
depauperata (Pilger) M.E. Barkworth in *Taxon*, 39(4): 609 (1990): Stipa depauperata.
duriuscula (Phil.) M.E. Barkworth in *Taxon*, 39(4): 610 (1990): Stipa duriuscula.
filiculmis (Delile) M.E. Barkworth in *Taxon*, 39(4): 610 (1990): Stipa filiculmis.
formicarum (Delile) M.E. Barkworth in *Taxon*, 39(4): 610 (1990): Stipa formicarum.
hirtifolia (A. Hitchc.) M.E. Barkworth in *Taxon*, 39(4): 610 (1990): Stipa hirtifolia.
holwayi (A. Hitchc.) M.E. Barkworth in *Taxon*, 39(4): 610 (1990): Stipa holwayi.
huallancaensis (Tovar) M.E. Barkworth in *Taxon*, 39(4): 610 (1990): Stipa huallancaensis.
hunzikeri (Caro) M.E. Barkworth in *Taxon*, 39(4): 610 (1990): Stipa hunzikeri.
hyalina (Nees) M.E. Barkworth in *Taxon*, 39(4): 610 (1990): Stipa hyalina.
inconspicua (Presl) M.E. Barkworth in *Taxon*, 39(4): 610 (1990): Stipa inconspicua.
jurgensii (Hackel) M.E. Barkworth in *Taxon*, 39(4): 610 (1990): Stipa jurgensii.
lachnophylla (Trin.) M.E. Barkworth in *Taxon*, 39(4): 610 (1990): Stipa lachnophylla.
laevissima (Phil.) M.E. Barkworth in *Taxon*, 39(4): 610 (1990): Stipa laevissima.
leptocoronata (Roseng. & Arrill.) M.E. Barkworth in *Taxon*, 39(4): 610 (1990): Stipa leptocoronata.
leucotricha (Trin. & Rupr.) Pohl in *Taxon*, 39(4): 610 (1990): Stipa leucotricha.
longicoronata (Roseng. & Arr.) M.E. Barkworth in *Taxon*, 39(4): 610 (1990): Stipa longicoronata.
longiglumis (Phil.) M.E. Barkworth in *Taxon*, 39(4): 610 (1990): Stipa longiglumis.

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- macrathera (Phil.) M.E. Barkworth in *Taxon*, 39(4): 610 (1990): Stipa macrathera.
manicata (Desv.) M.E. Barkworth in *Taxon*, 39(4): 610 (1990): Stipa manicata.
megapotamia (Spreng. ex Trin.) M.E. Barkworth in *Taxon*, 39(4): 610 (1990): Stipa megapotamia.
melanosperma (J. Presl) M.E. Barkworth in *Taxon*, 39(4): 611 (1990): Stipa melanosperma.
mexicana (A. Hitchc.) Pohl in *Taxon*, 39(4): 611 (1990): Stipa mexicana.
mucronata (H.B.K.) Pohl in *Taxon*, 39(4): 611 (1990): Stipa mucronata.
nardoides (Phil.) M.E. Barkworth in *Taxon*, 39(4): 611 (1990): Danthonia nardoides.
neesiana (Trinius & Ruprecht) M.E. Barkworth in *Taxon*, 39(4): 611 (1990): Stipa neesiana.
nidulans (Mez) M.E. Barkworth in *Taxon*, 39(4): 611 (1990): Stipa nidulans.
niduloides (Caro) M.E. Barkworth in *Taxon*, 39(4): 611 (1990): Stipa niduloides.
nutans (Hackel) M.E. Barkworth in *Taxon*, 39(4): 611 (1990): Stipa nutans.
pampagrandensis (Speg.) M.E. Barkworth in *Taxon*, 39(4): 611 (1990): Stipa pampagrandensis.
pampeana (Speg.) M.E. Barkworth in *Taxon*, 39(4): 611 (1990): Stipa pampeana.
parodii (Matthei) M.E. Barkworth in *Taxon*, 39(4): 611 (1990): Stipa parodii.
pauciciliata (Roseng. & Izag.) M.E. Barkworth in *Taxon*, 39(4): 611 (1990): Stipa pauciciliata var. pauciciliata.
pfisteri (Matthei) M.E. Barkworth in *Taxon*, 39(4): 611 (1990): Stipa pfisteri.
philippii (Steudel) M.E. Barkworth in *Taxon*, 39(4): 611 (1990): Stipa philippii.
poeppigiana (Trin. & Rupr.) M.E. Barkworth in *Taxon*, 39(4): 611 (1990): Stipa poeppigiana.
pseudopampagrandensis (Caro) M.E. Barkworth in *Taxon*, 39(4): 611 (1990): Stipa pseudopampagrandensis.
pulchra (A. Hitchc.) M.E. Barkworth in *Taxon*, 39(4): 611 (1990): Stipa pulchra.
rosengurtii (Chase) M.E. Barkworth in *Taxon*, 39(4): 611 (1990): Stipa rosengurtii.
sanluisensis (Speg.) M.E. Barkworth in *Taxon*, 39(4): 611 (1990): Stipa sanluisensis.
smithii (A. Hitchc.) M.E. Barkworth in *Taxon*, 39(4): 612 (1990): Stipa smithii.
soukupii (Tovar) M.E. Barkworth in *Taxon*, 39(4): 612 (1990): Stipa soukupii.
spgazzinii (Arech.) M.E. Barkworth in *Taxon*, 39(4): 612 (1990): Stipa spgazzinii.
stuckertii (Hackel) M.E. Barkworth in *Taxon*, 39(4): 612 (1990): Stipa stuckertii.
subnitida (Roseng. & Arrill.) M.E. Barkworth in *Taxon*, 39(4): 612 (1990): Stipa subnitida.
tenuis (Phil.) M.E. Barkworth in *Taxon*, 39(4): 612 (1990): Stipa tenuis.
tenuissima (Trinius) M.E. Barkworth in *Taxon*, 39(4): 612 (1990): Stipa tenuissima.
torquata (Speg.) M.E. Barkworth in *Taxon*, 39(4): 612 (1990): Stipa torquata.
ventanicola (Cabrera & Torres) M.E. Barkworth in *Taxon*, 39(4): 612 (1990): Stipa ventanicola.
viridula (Trin.) M.E. Barkworth in *Taxon*, 39(4): 612 (1990): Stipa viridula.
wurdackii (Tovar) M.E. Barkworth in *Taxon*, 39(4): 612 (1990): Stipa wurdackii.

NASTURTIIUM (Crucif.).

- valdes-bermejoi S. Castroviejo in *An. Jard. Bot. Madrid*, 43(1): 17 (1986)—Spain.

NAUPLIUS (Compos.).

- daltonii (Webb) A. Wiklund, *Some genera in Inula-group (Asterac.-Inuleae)*: 78 (1986); et in *Nordic J. Bot.*, 7(1): 15 (1987): Odontospermum daltonii.
subsp. vogelii (Webb) A. Wiklund, *Some genera in Inula-group (Asterac.-Inuleae)*: 79 (1986); et in *Nordic J. Bot.*, 7(1): 15 (1987): Odontospermum vogelii.
graveolens (Forssk.) A. Wiklund, *Some genera in Inula-group (Asterac.-Inuleae)*: 80 (1986); et in *Nordic J. Bot.*, 7(1): 16 (1987): Bupthalmum graveolens.

NAUPLIUS :-

- subsp. odoratus* (Schousb.) A. Wiklund, *Some genera in Inula-group (Asterac.-Inuleae)*: 92 (1986), as 'odorum'; et in *Nordic J. Bot.*, 7(1): 19 (1987): *Bupththalmum odorum*.
subsp. stenophyllum (Link) A. Wiklund, *Some genera in Inula-group (Asterac.-Inuleae)*: 94 (1986); et in *Nordic J. Bot.*, 7(1): 19 (1987): *Bupththalmum stenophyllum*.
imbricatus (Cav.) A. Wiklund, *Some genera in Inula-group (Asterac.-Inuleae)*: 60 (1986); et in *Nordic J. Bot.*, 7(1): 10 (1987): *Bupththalmum imbricatum*.
schultzii (Bolle) A. Wiklund, *Some genera in Inula-group (Asterac.-Inuleae)*: 55 (1986); et in *Nordic J. Bot.*, 7(1): 8 (1987): *Odontospermum schultzii*.
smithii (Webb) A. Wiklund, *Some genera in Inula-group (Asterac.-Inuleae)*: 77 (1986); et in *Nordic J. Bot.*, 7(1): 15 (1987): *Odontospermum smithii*.

NAUTILICALYX (Gesneriac.).

- pemphidius* L.E. Skog in *Syst. Bot.*, 14(3): 281 (1989)—Venezuela.

NAVARRETTIA (Polemoniaceae).

- pusilla* Hort. Par. ex Schrad., *Ind. Sem. Hort. Acad. Gott.*, 1833: 4 (1833); cf. D.J. Mabberley in *Taxon*, 33(3): 442 (1984)—Locality not stated.

NAVIA (Bromeliaceae).

- albiflora* L.B. Smith, J. Steyermark & Robinson in *Acta Bot. Venezuel.*, 14(3): 11 (1984)—Venezuela.
aliciae L.B. Smith, J. Steyermark & Robinson in *Acta Bot. Venezuel.*, 14(3): 13 (1984)—Venezuela.
berryana L.B. Smith, J.A. Steyermark & H. Robinson in *Ann. Missouri Bot. Gard.*, 73(4): 712 (1986 publ. 1987)—Venezuela.
carnevalii L.B. Smith & J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 76(4): 952 (1989)—Venezuela.
crassicaulis L.B. Smith, J.A. Steyermark & H. Robinson in *Ann. Missouri Bot. Gard.*, 73(4): 708 (1986 publ. 1987)—Venezuela.
culcitaria L.B. Smith, J.A. Steyermark & H. Robinson in *Ann. Missouri Bot. Gard.*, 73(4): 712 (1986 publ. 1987)—Venezuela.
delascionis L.B. Smith, J.A. Steyermark & H. Robinson in *Ann. Missouri Bot. Gard.*, 73(4): 709 (1986 publ. 1987)—Venezuela.
filifera L.B. Smith, J.A. Steyermark & H. Robinson in *Ann. Missouri Bot. Gard.*, 73(4): 713 (1986 publ. 1987)—Venezuela.
geaster L.B. Smith, J. Steyermark & Robinson in *Acta Bot. Venezuel.*, 14(3): 14 (1984)—Venezuela.
grafii J.A. Steyermark & B. Holst in *Ernstia*, 38: 44 (1986)—Venezuela.
huberiana L.B. Smith, J.A. Steyermark & H. Robinson in *Ann. Missouri Bot. Gard.*, 73(4): 706 (1986 publ. 1987)—Venezuela.
igneosicola L.B. Smith, J.A. Steyermark & H. Robinson in *Ann. Missouri Bot. Gard.*, 73(4): 713 (1986 publ. 1987)—Venezuela.
isothrix L.B. Smith & J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 76(4): 952 (1989)—Venezuela.
lactea L.B. Smith, J. Steyermark & Robinson in *Acta Bot. Venezuel.*, 14(3): 14 (1984)—Venezuela.
liesneri L.B. Smith, J.A. Steyermark & H. Robinson in *Ann. Missouri Bot. Gard.*, 73(4): 709 (1986 publ. 1987)—Venezuela.
linearis L.B. Smith, J.A. Steyermark & H. Robinson in *Ann. Missouri Bot. Gard.*, 73(4): 709 (1986 publ. 1987)—Venezuela.
patria L.B. Smith & J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 76(4): 952 (1989)—Venezuela.
pedemontana L.B. Smith, J.A. Steyermark & H. Robinson in *Ann. Missouri Bot. Gard.*, 73(4): 708 (1986 publ. 1987)—Venezuela.
piresii L.B. Smith, J.A. Steyermark & H. Robinson in *Ann. Missouri Bot. Gard.*, 73(4): 712 (1986 publ. 1987)—Brazil.
platyphylla L.B. Smith & J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 76(4): 954 (1989)—Venezuela.
plovmanii L.B. Smith, J.A. Steyermark & H. Robinson in *Ann. Missouri Bot. Gard.*, 73(4): 703 (1986 publ. 1987)—Venezuela.
polyglomerata L.B. Smith, J.A. Steyermark & H. Robinson in *Ann. Missouri Bot. Gard.*, 73(4): 704 (1986 publ. 1987)—Venezuela.
terramarae L.B. Smith & J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 76(4): 955 (1989)—Venezuela.

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- thomasi* L.B. Smith, J.A. Steyermark & H. Robinson in *Ann. Missouri Bot. Gard.*, 73(4): 703 (1986 publ. 1987)—Venezuela.

NAYARIOPHYTON T.K. Paul in Fasc. Fl. India, 19: 183 (30 March 1988); et in Bot. Jahrb., 110(1): 43 (20 Oct. 1988). MALVACEAE.

- jujubifolium* (Griff.) T.K. Paul in *Fasc. Fl. India*, 19: 185 (30 March 1988); et in *Bot. Jahrb.*, 110(1): 43 (20 Oct. 1988): *Kydia jujubifolia*.

NEANOTIS (Rubiaceae).

- hirsuta*
var. glabra (Honda) H. Hara in *J. Jap. Bot.*, 61(3): 73 (1986): *Oldenlandia hirsuta* var. *glabra*.
f. glabralycina (Honda) H. Hara in *J. Jap. Bot.*, 61(3): 72 (1986): *Oldenlandia hirsuta* var. *glabralycina*.
oxyphylla (Wall. ex G. Don) Ridsdale in *Allertonia*, 4(5): 321 (1987), as '(Wall. ex Hook.f.)' but isonym, see W.H. Lewis in *Ann. Missouri Bot. Gard.*, 53: 39 (1966): *Oldenlandia oxyphylla*.
rhombicarpa T. Yamazaki in *J. Jap. Bot.*, 63(4): 150 (1988)—Nepal.

NEBLINARIA (Guttiferae).

- rubicunda* C. Sastre in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 9(2): 129 (1987)—Guyana.

NEBLINATHAMNUS (Rubiaceae).

- aracamunianus* J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 76(4): 968 (1989)—Venezuela.

NECEPSIA (Euphorbiaceae).

- afzelii*
var. sitae A. Bouchat & J. Léonard in *Bull. Jard. Bot. Nation. Belg.*, 56(1-2): 186 (1986)—Congo - Brazzaville.
subsp. zenkeri A. Bouchat & J. Léonard in *Bull. Jard. Bot. Nation. Belg.*, 56(1-2): 186 (1986)—Cameroun, Gabon.
castaneifolia (Baillon) A. Bouchat & J. Léonard in *Bull. Jard. Bot. Nation. Belg.*, 56(1-2): 191 (1986): *Palissya castaneifolia*.
subsp. capuronii A. Bouchat & J. Léonard in *Bull. Jard. Bot. Nation. Belg.*, 56(1-2): 194 (1986)—Madagascar.
subsp. chirindica (Radcliffe-Smith) A. Bouchat & J. Léonard in *Bull. Jard. Bot. Nation. Belg.*, 56(1-2): 194 (1986): *Neopalissya castaneifolia* subsp. *chirindica*.
subsp. kimbozensis (Radcliffe-Smith) A. Bouchat & J. Léonard in *Bull. Jard. Bot. Nation. Belg.*, 56(1-2): 193 (1986): *Neopalissya castaneifolia* subsp. *kimbozensis*.
zairensis A. Bouchat & J. Léonard in *Bull. Jard. Bot. Nation. Belg.*, 56(1-2): 187 (1986)—Zaire, Angola, Gabon, Congo - Brazzaville.
var. lujae A. Bouchat & J. Léonard in *Bull. Jard. Bot. Nation. Belg.*, 56(1-2): 190 (1986)—Zaire.

NECTANDRA (Lauraceae).

- aurea* J.G. Rohwer in *Ann. Missouri Bot. Gard.*, 75(4): 1525 (1988 publ. 1989)—Venezuela.
fulva J.G. Rohwer in *Ann. Missouri Bot. Gard.*, 75(4): 1527 (1988 publ. 1989)—Venezuela.
hypoleuca B.E. Hammel in *J. Arnold Arbor.*, 67(1): 126 (1986)—Costa Rica.
longipetiolata H. van der Werff in *Fieldiana, Bot.*, 23: 60 (1990)—Costa Rica.
membranacea
subsp. cuspidata (Nees) J.G. Rohwer in *Mitt. Inst. Allg. Bot. Hamburg*, 20: 72 (1986): *N. cuspidata*.
miraflores H. van der Werff in *Ann. Missouri Bot. Gard.*, 75(2): 410 (1988)—Nicaragua.
mollis
subsp. laurel (Nees) J.G. Rohwer in *Mitt. Inst. Allg. Bot. Hamburg*, 20: 61 (1986): *N. laurel*.
subsp. oppositifolia (Nees) J.G. Rohwer in *Mitt. Inst. Allg. Bot. Hamburg*, 20: 61 (1986): *N. oppositifolia*.
ruforamula J.G. Rohwer in *Ann. Missouri Bot. Gard.*, 75(4): 1529 (1988 publ. 1989)—Venezuela.

NEEA (Nyctaginaceae).

- amaruayensis* J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 623 (1987)—Venezuela.
bernardii J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 623 (1987)—Venezuela.
bracteosa J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 624 (1987)—Venezuela.
brevipedunculata J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 624 (1987)—Venezuela.
cedenensis J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 625 (1987)—Venezuela.
clarkii J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 625 (1987)—Venezuela.
davidsei J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 627 (1987)—Venezuela.
grandis B. Maguire & J.A. Steyermark in *Mem. New York Bot. Gard.*, 51: 109 (1989)—Brazil.
guaiquinimae J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 627 (1987)—Venezuela.
huachamacarae J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 628 (1987)—Venezuela.
ignicola J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 628 (1987)—Venezuela.
liesneri J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 629 (1987)—Venezuela, Brazil.
mapourioides J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 630 (1987)—Venezuela.
marahuacae J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 631 (1987)—Venezuela.
neblinensis B. Maguire & J.A. Steyermark in *Mem. New York Bot. Gard.*, 51: 112 (1989)—Venezuela.
parimensis J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 631 (1987)—Venezuela.
robusta J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 632 (1987)—Venezuela, Brazil.
sebastianii J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 633 (1987)—Venezuela.
subglabrata J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 633 (1987)—Venezuela.
tepuiensis J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 634 (1987)—Venezuela.

NEILLIA (Rosaceae).

- breviracemosa* T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(1): 13 (1990)—China.
fugongensis T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(1): 12 (1990)—China.

NEMATANTHUS (Gesneriaceae).

- crassifolius*
subsp. chloronema (Martius) A. Chautems, Révis. *taxon. poss. hybrid. Nematanthus Schrader (Gesneriac.) (Diss. Bot., 112): 114 (1988): N. chloronema.*
lanceolatus (Poir.) A. Chautems, Révis. *taxon. poss. hybrid. Nematanthus Schrader (Gesneriac.) (Diss. Bot., 112): 189 (1988): Orobanchia lanceolata.*

NEMAUCHENES (Compositae).

- aspera* (L.) Endl., *Cat. Horti Vindob.*, 1: 423 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 435 (1984): *Crepis aspera*.

NEMCIA (Leguminosae).

- axillaris* (Meissner) M.D. Crisp in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 124 (1987): *Gastrolobium axillare*.
brownii (Meissner) M.D. Crisp in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 124 (1987): *Gastrolobium brownii*.
carinata M.D. Crisp in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 124 (1987), nom. nov.: *Eutaxia reticulata* Meissner.
crenulata (Turcz.) M.D. Crisp in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 125 (1987): *Gastrolobium crenulatum*.
dilatata (Benth.) M.D. Crisp in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 125 (1987): *Oxylobium dilatatum*.
emarginata (S. Moore) M.D. Crisp in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 126 (1987): *Oxylobium emarginatum*.
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lehmannii (Meissner) M.D. Crisp in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 127 (1987): *Gastrolobium lehmannii*.
obovata (Benth.) M.D. Crisp in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 127 (1987): *Gastrolobium obovatum*.
pauciflora (C. Gardner) M.D. Crisp in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 127 (1987): *Gastrolobium pauciflorum*.
plicata (Turcz.) M.D. Crisp in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 127 (1987): *Gastrolobium plicatum*.
pulchella (Turcz.) M.D. Crisp in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 127 (1987): *Gastrolobium pulchellum*.
punctata (Turcz.) M.D. Crisp in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 127 (1987): *Eutaxia punctata*.
pyramidalis (T. Moore) M.D. Crisp in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 127 (1987): *Gastrolobium pyramidalis*.
rubra M.D. Crisp in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 128 (1987), nom. nov.: *N. atropurpurea* var. *minorifolia* Domin.
spathulata (Benth.) M.D. Crisp in C.H. Stirton (ed.), *Advances in Legume System.*, 3: 128 (1987): *Gastrolobium spathulatum*.
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parviflorum K.A. Lye in Lidia, 2(1): 33 (1989)—Guinea.
- NENAX** (Rubiac.).
acerosa
subsp. macrocarpa (Eckl. & Zeyh.) C. Puff in Fl. S. Afr., 31(1:2): 46 (1986): *Ambraria hirta* var. *macrocarpa*.
arenicola C. Puff in Fl. S. Afr., 31(1:2): 47 (1986)—South Africa (Cape Province).
cinerea (Thunb.) C. Puff in Fl. S. Afr., 31(1:2): 40 (1986): *Cliffortia cinerea*.
coronata C. Puff in Fl. S. Afr., 31(1:2): 41 (1986)—South Africa (Cape Province).
elsieae C. Puff in Fl. S. Afr., 31(1:2): 43 (1986)—South Africa (Cape Province).
hirta
subsp. calciphila C. Puff in Fl. S. Afr., 31(1:2): 44 (1986)—South Africa (Cape Province).
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spectabilis J.B. Williams in Fl. Australia, 45: 493, 175 (1987)—Australia (New South Wales).
- NEOAUACOLEPIS** (Gramin.).
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ammophilus (Bunge) I.C. Hedge & J.M. Lamond in Fl. Iran., 162: 208 (1987): *Cryptodiscus ammophilus*.
didymus (Regel) I.C. Hedge & J.M. Lamond in Fl. Iran., 162: 208 (1987): *Cachrys didyma*.
persicus (Boiss.) I.C. Hedge & J.M. Lamond in Fl. Iran., 162: 207 (1987): *Cryptodiscus persicus*.
- NEOCUATRECASIA** (Compos.).
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sericisepala J.R. Clarkson & J. Thompson in Telopea, 3(3): 294 (1989)—Australia (Queensland).
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sect. Retisupraelevata J.C. Liao, Taxon. Revis. Fam. Lauraceae in Taiwan: vii (1988), without type.
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lophophoroides (Werderm.) E.F. Anderson in Bradleya, 4: 22 (1986): *Thelocactus lophophoroides*.
mandragora (Fric ex A. Berger) E.F. Anderson in Bradleya, 4: 14 (1986): *Echinocactus mandragora*.
pseudomacrochele (Backeb.) E.F. Anderson in Bradleya, 4: 22 (1986): *Strombocactus pseudomacrochele*.
pseudopectinata (Backeb.) E.F. Anderson in Bradleya, 4: 15 (1986): *Pelecypora pseudopectinata*.
schmiedickeana (Boedeker) E.F. Anderson in Bradleya, 4: 19 (1986): *Echinocactus schmiedickeanus*.
var. dickisoniae (Glass & Foster) E.F. Anderson in Bradleya, 4: 20 (1986): *Turbinicarpus schmiedickeanus* var. *dickisoniae*.
var. flaviflora (G. Frank & A. Lau) E.F. Anderson in Bradleya, 4: 20 (1986): *Turbinicarpus flaviflorus*.
var. gracilis (Glass & Foster) E.F. Anderson in Bradleya, 4: 19 (1986): *Turbinicarpus gracilis*.
var. klinkeriana (Backeb. & H.J. Jacobsen) E.F. Anderson in Bradleya, 4: 20 (1986): *Turbinicarpus klinkerianus*.
var. macrochele (Werderm.) E.F. Anderson in Bradleya, 4: 20 (1986): *Echinocactus macrochele*.
var. schwarzii (Shurly) E.F. Anderson in Bradleya, 4: 20 (1986): *Strombocactus schwarzii*.
subterranea
var. zaragosae (Glass & Foster) E.F. Anderson in Bradleya, 4: 14 (1986): *Gymnocactus subterraneus* var. *zaragosae*.
valdeziana (H. Moeller) E.F. Anderson in Bradleya, 4: 14 (1986): *Pelecypora valdeziana*.
viereckii
var. major (Glass & Foster) E.F. Anderson in Bradleya, 4: 15 (1986): *Gymnocactus viereckii* var. *major*.
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variegata (Martens & Galeotti) J.E. Henrich & P. Goldblatt in Ann. Missouri Bot. Gard., 74(4): 911 (1987 publ. 1988): *Marica variegata*.
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setigerus (Gamble) Hsueh & T.P. Yi in Fl. Xizangica, 5: 50 (1987): *Ochlandra setigera*.

NEOMIRANDEA (Compos.).

cuatrecasana *S. Díaz Piedrahita in Perez-Arbel.*, 2(8): 413 (1989)—Colombia.

NEOMITRANTHES (Myrtac.).

sect. *Dichotomae* *J.R. Mattos in Loefgrenia*, 95: 1 (1989).
sect. *Multibracteatae* *J.R. Mattos in Loefgrenia*, 95: 1 (1989).
sect. *Pedunculatae* *J.R. Mattos in Loefgrenia*, 95: 1 (1989).
wilsoniana *J.R. Mattos in Loefgrenia*, 94: 7 (1989)—Brazil.

NEONAUCLEA (Rubiace.).

anthraciticus *C.E. Ridsdale in Blumea*, 34(1): 242 (1989)—New Guinea (W. Irian).
artocarpoides *C.E. Ridsdale in Blumea*, 34(1): 207 (1989)—Borneo (Brunei, Sabah, Kalimantan).
bartlingii
var. *cumingiana* (*Vidal*) *C.E. Ridsdale in Blumea*, 34(1): 219 (1989): *Nuclea cumingiana*.
bomberaiensis *C.E. Ridsdale in Blumea*, 34(1): 247 (1989)—New Guinea (W. Irian).
borneensis *C.E. Ridsdale in Blumea*, 34(1): 212 (1989)—Borneo (Brunei, Kalimantan, Sarawak).
butonensis *C.E. Ridsdale in Blumea*, 34(1): 217 (1989)—Celebes.
calcareo *C.E. Ridsdale in Blumea*, 34(1): 212 (1989)—Borneo (Sarawak).
ceramensis *C.E. Ridsdale in Blumea*, 34(1): 238 (1989)—Moluccas.
circumscissa *C.E. Ridsdale in Blumea*, 34(1): 217 (1989)—Philippine Is.
colla *C.E. Ridsdale in Blumea*, 34(1): 249 (1989)—New Guinea (W. Irian).
coronata *C.E. Ridsdale in Blumea*, 34(1): 249 (1989)—New Guinea (W. Irian, Papua New Guinea).
endertii *C.E. Ridsdale in Blumea*, 34(1): 201 (1989)—Borneo (Kalimantan).
excelsioides *C.E. Ridsdale in Blumea*, 34(1): 202 (1989)—Borneo (Sabah, Kalimantan).
glabra (*Roxb.*) *Bakh. f. & C.E. Ridsdale in Blumea*, 34(1): 240 (1989): *Nuclea glabra*.
glandulifera *C.E. Ridsdale in Blumea*, 34(1): 237 (1989)—Moluccas.
havilandii *Koord. ex C.E. Ridsdale in Blumea*, 34(1): 221 (1989)—Celebes.
intercontinentalis *Bakh. f. & C.E. Ridsdale in Blumea*, 34(1): 240 (1989)—Celebes, Moluccas.
kraboensis *C.E. Ridsdale in Blumea*, 34(1): 246 (1989)—New Guinea (W. Irian).
lanceolata
subsp. *gracilis* (*Vidal*) *C.E. Ridsdale in Blumea*, 34(1): 225 (1989): *Nuclea gracilis*.
montana *C.E. Ridsdale in Blumea*, 34(1): 226 (1989)—Borneo (Sarawak).
morotaiensis *C.E. Ridsdale in Blumea*, 34(1): 234 (1989)—Moluccas.
pallida
subsp. *malaccensis* (*Gand.*) *C.E. Ridsdale in Blumea*, 34(1): 199 (1989): *Nuclea malaccensis*.
paracrytopoda *Bakh. f. & C.E. Ridsdale in Blumea*, 34(1): 206 (1989)—Borneo (Sarawak).
parviflora (*Koord. & Valeton*) *C.E. Ridsdale in Blumea*, 34(1): 204 (1989): *Nuclea purpurascens* var. *parviflora*.
pseudocalycina *C.E. Ridsdale in Blumea*, 34(1): 204 (1989)—Borneo (Sabah, Kalimantan), Philippine Is.
pseudopeduncularis *C.E. Ridsdale in Blumea*, 34(1): 222 (1989)—Celebes.
rupestris *Bakh. f. & C.E. Ridsdale in Blumea*, 34(1): 235 (1989)—Celebes.
sericea *C.E. Ridsdale in Blumea*, 34(1): 230 (1989)—Moluccas.
subulifera *C.E. Ridsdale in Blumea*, 34(1): 245 (1989)—Moluccas, New Guinea (W. Irian).
tricephala *C.E. Ridsdale in Blumea*, 34(1): 247 (1989)—New Guinea (W. Irian).
tsaiana *S.Q. Zou in J. Arnold Arbor.*, 69(1): 73 (1988)—China.
unicapitulifera *C.E. Ridsdale in Blumea*, 34(1): 239 (1989)—Celebes.
ventricosa *C.E. Ridsdale in Blumea*, 34(1): 207 (1989)—Celebes.

NEONAUCLEA :-

vinkiorum *C.E. Ridsdale in Blumea*, 34(1): 244 (1989)—New Guinea (W. Irian).

NEONOTONIA (Legumin.).

wightii
var. *longicauda* (*Schweinf.*) *J.A. Lackey in Iselya*, 2(1): 11 (1981): *Glycine longicauda*.
var. *mearnsii* (*De Wild.*) *J.A. Lackey in Iselya*, 2(1): 11 (1981): *Glycine mearnsii*.
subsp. *petitiana* (*A. Rich.*) *J.A. Lackey in Iselya*, 2(1): 11 (1981): *Johnia petitiana*.
var. *petitiana* (*A. Rich.*) *J.A. Lackey in Iselya*, 2(1): 11 (1981): *Johnia petitiana*.
subsp. *petitiana* (*A. Rich.*) *P. Hanelt in R. Mansfeld, Verz. Landwirtsch. u. Gartn. Kulturpfl., Auf. 2, ed. J. Schultze-Motel*, 1: 548 (1986): *Johnia petitiana*.
subsp. *pseudojavanica* (*Taub.*) *J.A. Lackey in Iselya*, 2(1): 11 (1981): *Glycine pseudojavanica*.

NEOPLATYTAENIA *A.M. Gel'dikhanov in V.V. Nikitin & A.M. Gel'dikhanov, Opred. Rast. Turkmenistana*: 455 (1988); et in *Bot. Zhurn.*, 75(5): 711 (1990), nom. nov.: gen. *Platytaenia* *Nevski & Vved. (Umbellif.)*.

dichotoma (*Boiss.*) *A.M. Gel'dikhanov in V.V. Nikitin & A.M. Gel'dikhanov, Opred. Rast. Turkmenistana*: 455 (1988); et in *Bot. Zhurn.*, 75(5): 711 (1990): *Zosima dichotoma*.
pamirica (*Lipsky*) *A.M. Gel'dikhanov in V.V. Nikitin & A.M. Gel'dikhanov, Opred. Rast. Turkmenistana*: 455 (1988), without basionym ref.; et in *Bot. Zhurn.*, 75(5): 711 (1990), without basionym ref.: *Zosima pamirica*.
pimpinelloides (*Nevski*) *A.M. Gel'dikhanov in V.V. Nikitin & A.M. Gel'dikhanov, Opred. Rast. Turkmenistana*: 455 (1988): *Platytaenia pimpinelloides*.

NEOPORTERIA (Cactac.).

aricensis
var. *floribunda* (*Back.*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 176 (1989), basionym invalid: *Reicheocactus floribundus*.
var. *saxifraga* (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 176 (1989): *Pyrrhocactus saxifragus*.
carrizalensis (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 178 (1989): *Pyrrhocactus carrizalensis*.
var. *toralensis* (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 178 (1989), contrary to Art. 57 ICBN (1988): *Pyrrhocactus toralensis*.
centetaria (*Lehm.*) *G.D. Rowley in Excelsa*, 12: 39 (1986): *Echinocactus centetarius*.
clavata
var. *nigrihorrida* (*Back.*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 160 (1989), with incorrect basionym ref.: *Chilenia nigrihorrida*.
curvispina
var. *engleri* (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 182 (1989): *Horridocactus engleri*.
var. *marksiana* (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 182 (1989): *Pyrrhocactus marksianus*.
esmeraldana
var. *malleolata* (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 222 (1989): *Chileorebutia malleolata*.
horrida (*Remy ex Gay*) *D. Hunt in Bradleya*, 5: 93 (1987): *Echinocactus horridus*.
var. *armata* (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 190 (1989): *Pyrrhocactus armatus*.
var. *aspillagae* (*Soehr.*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 190 (1989), as 'aspillagai': *Echinocactus aspillagae*.
var. *coliguayensis* (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 190 (1989), as 'Pyrrhocactus': *Pyrrhocactus coliguayensis*.

NEOPORTERIA :-

var. *timariensis* (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 190 (1989): *Pyrrhocactus limariensis*.
var. *odoriflora* (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 190 (1989): *Pyrrhocactus odoriflorus*.
intermedia
var. *calderana* (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 194 (1989), contrary to Art. 57 ICBN (1988): *Pyrrhocactus calderanus*.
f. gracilis (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 194 (1989): *Pyrrhocactus gracilis*.
var. *pilispina* (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 194 (1989): *Pyrrhocactus pilispinus*.
var. *pulchella* (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 194 (1989), contrary to Art. 57 ICBN (1988): *Pyrrhocactus pulchellus*.
f. pygmaea (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 194 (1989): *Pyrrhocactus pygmaeus*.
var. *scoparia* (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 194 (1989), contrary to Art. 57 ICBN (1988): *Pyrrhocactus scoparius*.
jussieui
var. *chaniarensis* (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 198 (1989): *Pyrrhocactus chaniarensis*.
var. *chorosensis* (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 202 (1989): *Pyrrhocactus chorosensis*.
var. *dimorpha* (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 200 (1989): *Pyrrhocactus dimorphus*.
var. *huascensis* (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 198 (1989): *Pyrrhocactus huascensis*.
var. *setosiflora* (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 200 (1989): *Pyrrhocactus setosiflorus*.
var. *trapichensis* (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 202 (1989): *Pyrrhocactus trapichensis*.
var. *wagenknechtii* (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 198 (1989): *Pyrrhocactus wagenknechtii*.
kunzei
var. *confinis* (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 204 (1989): *Pyrrhocactus confinis*.
napina
var. *aerocarpa* (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 226 (1989): *Chileorebutia aerocarpa*.
var. *duripulpa* (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 224 (1989): *Chileorebutia duripulpa*.
var. *fankhauseri* (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 224 (1989): *Thelocephala fankhauseri*.
var. *fulva* (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 226 (1989): *Thelocephala fulva*.
var. *lembckei* (*Back.*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 224 (1989), basionym invalid: *Neochilenia lembckei*.
f. nuda (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 224 (1989): *Thelocephala nuda*.
nidus
var. *coimascensis* (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 164 (1989): *N. coimascensis*.
var. *multicolor* (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 164 (1989): *N. multicolor*.
odieri
var. *krausii* (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 230 (1989), with incorrect basionym ref.: *Chileorebutia krausii*.
var. *longirapa* (*Ritter*) *A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile*: 230 (1989): *Thelocephala longirapa*.

NEOPORTERIA :-

- paucicostata
var. echinus (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 208 (1989): *Pyrrhocactus echinus*.
var. floccosa (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 208 (1989): *Pyrrhocactus floccosus*.
var. glaucescens (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 208 (1989): *Pyrrhocactus glaucescens*.
var. neohankeana (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 208 (1989): *Pyrrhocactus neohankeanus*.
var. viridis (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 208 (1989), with incorrect basionym ref., isonym; see Don. & Rowl. in *Cact. Succ. J. Gr. Brit.*, 28: 57 (1966): Basionym not stated.
- recondita
var. residua (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 212 (1989): *Pyrrhocactus residuus*.
var. vexata (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 212 (1989): *Pyrrhocactus vexatus*.
- subgibbosa
var. intermedia (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 168 (1989): *N. litoralis* var. *intermedia*.
var. litoralis (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 168 (1989): *N. litoralis*.
var. robusta (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 168 (1989): *N. robusta*.
- taltalensis
var. transiens (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 216 (1989): *Pyrrhocactus transiens*.
- vallenarensis (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 218 (1989), homonym; see Ritter, *Kakteen in Sudamerika*, 3: 1032 (1980): *Pyrrhocactus vallenarensis*.
var. atroviridis (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 218 (1989), species name illegit.: *Pyrrhocactus atroviridis*.
var. crispata (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 218 (1989), contrary to Art. 57 ICBN (1988), species name illegit.: *Pyrrhocactus crispus*.
var. domeykoensis (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 218 (1989), species name illegit.: *Pyrrhocactus erioszoides* var. *domeykoensis*.
var. transitensis (Ritt.) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 218 (1989), species name illegit.: *Pyrrhocactus transitensis*.
- villosa
var. laniceps (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 172 (1989): *N. laniceps*.
- wagenknechtii
var. microsperma (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 174 (1989): *N. microsperma*.
var. vallenarensis (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 174 (1989): *N. vallenarensis*.
- NEOREGELIA (Bromeliac.).
angustibracteolata E. Pereira & E.M.C. Leme in *Bradea*, 4(34): 269 (1986)—Brazil.
coimbræ E. Pereira & E.M.C. Leme in *Rev. Brasil. Biol.*, 45(4): 631 (1985 publ. 1986)—Brazil.
gavionensis G. Martinelli & E.M.C. Leme in *J. Bromeliad Soc.*, 36(2): 71 (1986)—Brazil.
johnsoniae H.E. Luther in *J. Bromeliad Soc.*, 39(2): 70 (1989)—Peru.
martinellii W. Weber in *Feddes Repert.*, 97(3-4): 119 (1986)—Brazil.

NEOSASAMORPHA (Gramin.).

- kagamiana
subsp. yoshinoi (Koidz.) S. Suzuki in *J. Jap. Bot.*, 64(2): 46 (1989): *Sasa kashidensis* var. *yoshinoi*.

NEOSASAMORPHA :-

- magnifica* (Nakai) S. Suzuki in *J. Jap. Bot.*, 64(2): 44 (1989): *Arundinaria magnifica*.
subsp. fujitae (S. Suzuki) S. Suzuki in *J. Jap. Bot.*, 64(2): 45 (1989): *Sasa magnifica* subsp. *fujitae*.
oshidensis
subsp. glabra (Koidz.) S. Suzuki in *J. Jap. Bot.*, 64(2): 45 (1989): *Sasa kashidensis* var. *glabra*.
pubiculmis (Makino) S. Suzuki in *J. Jap. Bot.*, 64(9): 273 (1989): *Sasa pubiculmis*.
subsp. sugimotoi (Nakai) S. Suzuki in *J. Jap. Bot.*, 64(9): 273 (1989): *Sasa sugimotoi*.
shimidzuana
subsp. kashidensis (Makino & Koidz.) S. Suzuki in *J. Jap. Bot.*, 64(2): 46 (1989): *Sasa kashidensis*.
stenophylla (Koidz.) S. Suzuki in *J. Jap. Bot.*, 64(2): 43 (1989): *Sasa stenophylla*.
subsp. tobagenzoana (Koidz.) S. Suzuki in *J. Jap. Bot.*, 64(2): 44 (1989): *Sasa tobagenzoana*.
takizawana
subsp. nakashimana (Koidz.) S. Suzuki in *J. Jap. Bot.*, 64(2): 47 (1989): *Sasamorpha nakashimana*.
tsukubensis (Nakai) S. Suzuki in *J. Jap. Bot.*, 64(2): 44 (1989): *Sasa tsukubensis*.
subsp. pubifolia (Koidz.) S. Suzuki in *J. Jap. Bot.*, 64(2): 44 (1989): *Sasa kashidensis* var. *pubifolia*.

NEOSINOCALAMUS (Gramin.).

- affinis
f. chrysotrichus (Hsueh & Yi) T.P. Yi in *J. Bamboo Res.*, 4(1): 13 (1985): *Sinocalamus affinis* f. *chrysotrichus*.
f. flavidorivens (Yi) T.P. Yi in *J. Bamboo Res.*, 4(1): 14 (1985): *Sinocalamus affinis* var. *flavidorivens*.
f. viridiflavus (Yi) T.P. Yi in *J. Bamboo Res.*, 4(1): 13 (1985): *Sinocalamus affinis* var. *viridiflavus*.
bicatricatus (W.T. Lin) W.T. Lin in *Acta Phytotax. Sin.*, 26(2): 146 (1988): *Sinocalamus bicatricatus*.
rectocuneatus W.T. Lin in *Acta Phytotax. Sin.*, 26(3): 228 (1988), as 'recto-cuneatus'—China.
stenoauritus (W.T. Lin) W.T. Lin in *Acta Phytotax. Sin.*, 26(2): 146 (1988): *Sinocalamus stenoauritus*.

- ×NEOTIACERAS R. Kohlmüller in *Orchidee*, 39(5): 190 (1988). ORCHIDACEAE. (Aceras × Neotinea).
mattinatae R. Kohlmüller in *Orchidee*, 39(5): 190 (1988)—Italy. (Aceras anthropophorum × Neotinea maculata).

NEOTORULARIA Hedge & J. Léonard in Bull. Jard.

- Bot. Nation. Belg.*, 56(3-4): 393 (1986), nom. nov.: *Sisymbrium* sect. *Torularia* Cosson (Crucif.).
aculeolata (Boiss.) Hedge & J. Léonard in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 393 (1986): *Sisymbrium aculeolatum*.
afghanica (Gilli) Hedge & J. Léonard in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 393 (1986): *Sisymbrium afghanicum*.
brachycarpa (Vassilcz.) Hedge & J. Léonard in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 393 (1986): *Torularia brachycarpa*.
brevipes (Karelin & Kir.) Hedge & J. Léonard in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 393 (1986): *Sisymbrium brevipes*.
contortuplicata (Stephan ex Willd.) Hedge & J. Léonard in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 393 (1986): *Cheiranthus contortuplicatus*.
dentata (Frey & Sint.) Hedge & J. Léonard in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 394 (1986): *Cryptospora dentata*.
grubovii (Botsch.) V.P. Bochantsev in *Bot. Zhurn.*, 73(8): 1187 (1988): *Torularia grubovii*.
humilis (C. Meyer) Hedge & J. Léonard in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 394 (1986): *Sisymbrium humile*.
korolkowii (Regel & Schmalh.) Hedge & J. Léonard in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 394 (1986): *Sisymbrium korolkowii*.
maximowiczii (Botsch.) V.P. Bochantsev in *Bot. Zhurn.*, 73(8): 1188 (1988): *Torularia maximowiczii*.
mongolica V.P. Bochantsev & I.A. Gubanov in *Bot. Zhurn.*, 73(8): 1186 (1988)—Mongolia.
piaszekii (Maxim.) V.P. Bochantsev in *Bot. Zhurn.*, 73(8): 1188 (1988), without basionym ref.: Basionym not stated.

NEOTORULARIA :-

- rossica* (O. Schulz) Hedge & J. Léonard in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 394 (1986): *Torularia rossica*.
tetracmoides (Boiss. & Hausskn.) Hedge & J. Léonard in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 394 (1986): *Sisymbrium tetracmoides*.
torulosa (Desf.) Hedge & J. Léonard in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 395 (1986): *Sisymbrium torulosum*.
var. scorpiuroides (Boiss.) Hedge & J. Léonard in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 395 (1986): *Sisymbrium scorpiuroides*.

NEOTTIA (Orchidac.).

- mackinnonii* S. Deva & H.B. Naithani, *Orchid Fl. N.W. Himalaya*: 75 (1986)—India.

NEOTYSONIA (Compos.).

- phyllostegia* (F. Muell.) Paul G. Wilson ex J.W. Green, *Census Vasc. Pl. W. Australia*, ed. 2: 6 (1985): *Tysonia phyllostegia*.

NEOURBANIA (Orchidac.).

- nicaraguensis* F. Hamer & Garay in *Ic. Pl. Trop.*, 13 (Orch. Nicaragua, pt. 6): t. 1238 (1985)—Nicaragua, Costa Rica.

NEPENTHES (Nepenthac.).

- adnata* R. Tamin & M. Hotta in M. Hotta (ed.), *Divers. & Dynam. Pl. Life Sumatra*, 1: 76 (1986), without latin descr. or type—Sumatra.
borneensis J.H. Adam & C.C. Wilcock in *Gard. Bull. Singapore*, 42(1-2): 26 (1989 publ. 1990)—Borneo (Kalimantan).
edwardsiana
subsp. macrophylla J. Marabini in *Mitt. Bot. Staatssamm. München*, 23: 427 (1987)—Borneo (Sabah).
macrovulgaris J.R. Turnbull & A.T. Middleton in *Bot. J. Linn. Soc.*, 96(4): 352 (1988)—Borneo (Sabah).
mapuluensis J.H. Adam & C.C. Wilcock in *Blumea*, 35(1): 265 (1990)—Borneo (Kalimantan).
rafflesiana
var. longicirrhusa R. Tamin & M. Hotta in M. Hotta (ed.), *Divers. & Dynam. Pl. Life Sumatra*, 1: 93 (1986), without latin descr. or type—Sumatra.
rosulata R. Tamin & M. Hotta in M. Hotta (ed.), *Divers. & Dynam. Pl. Life Sumatra*, 1: 95 (1986), without latin descr. or type—Sumatra.
spinosa R. Tamin & M. Hotta in M. Hotta (ed.), *Divers. & Dynam. Pl. Life Sumatra*, 1: 103 (1986), without latin descr. or type—Sumatra.

NEPETA (Labiata.).

- ser. Bucharicae* Pojark. ex A.L. Budantsev in *Bot. Zhurn.*, 75(7): 1010 (1990).
ser. Densiflorae Pojark. ex A.L. Budantsev in *Bot. Zhurn.*, 75(7): 1012 (1990).
ser. Pamirensis A.L. Budantsev in *Bot. Zhurn.*, 75(7): 1012 (1990).
ser. Podostachydes Pojark. ex A.L. Budantsev in *Bot. Zhurn.*, 75(7): 1008 (1990).
ser. Raphanorhizae A.L. Budantsev in *Bot. Zhurn.*, 75(7): 1010 (1990).
adenophyta I.C. Hedge in *Pakistan J. Bot.*, 21(1): 195 (1989)—Pakistan.
alii A. Jehan in *Willdenowia*, 18(2): 427 (1989)—Pakistan.
betonicifolia
subsp. somkhatica (Kapeller) Yu.L. Menitskii in *Fl. Armenii*, 8: 47 (1987): *N. somkhatica*.
subsp. strictifolia (Pojark.) Yu.L. Menitskii in *Fl. Armenii*, 8: 47 (1987): *N. strictifolia*.
incana C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 529 (1784)—Japan.†
jomdaensis H.W. Li in *Fl. Xizangica*, 4: 132 (1985)—Xizang.
kunlunshanicus C.Y. Yang & B. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 97 (1987)—Xinjiang.
maracandia A. Bunge, *Beitr. Fl. Russl.*: 258 (1852)—U.S.S.R. (Middle Asia).†
orphanidea
var. parmidea C. Baden in *Op. Bot.*, 93: 16 (1987)—Greece.

- NEPETA** :-
 podostachys
 subsp. darwasica A.L. Budantsev in *Bot. Zhurn.*, 75(7): 1009 (1990)—U.S.S.R. (Middle Asia).
 sibthorpii
 subsp. dirphyia (Boiss.) C. Baden in *Op. Bot.*, 93: 22 (1987): N. sibthorpii var. (β) dirphyia.
 subsp. malacotrichos C. Baden in *Op. Bot.*, 93: 19 (1987)—Greece.
 subsp. vourinensis C. Baden in *Op. Bot.*, 93: 23 (1987)—Greece.
 supina
 subsp. buschii (Sosn. & Manden.) Yu.L. Menitskii in *Fl. Armenii*, 8: 42 (1987): N. buschii.
 tarbagataica C.Y. Yang & B. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 99 (1987)—Xinjiang.
 troitzkyi Sosn. ex Sh.I. Kutateladze in *Fl. Gruzii*, ed. 2, 11: 237 (1987)—U.S.S.R. (Caucasus).
 willdenowiana G.F. Hoffm., *Hort. Mosq.*: 25 (1808); cf. D.J. Mabberley in *Taxon*, 31(1): 71 (1982)—Locality not stated.
 zandaensis H.W. Li in *Fl. Xizangica*, 4: 126 (1985)—Xizang.
- NEPHELAPHYLLUM** (Orchidac.).
 cristigerum L.V. Aver'yanov in *Bot. Zhurn.*, 73(3): 432 (1988), nom. nov.: N. cristata Gagnep.
- NEPHELIUM** (Sapindac.).
 aculeatum P.W. Leenhouts in *Blumea*, 31(2): 382 (1986)—Borneo (Sabah).
 cuspidatum
 var. bassacense (Pierre) P.W. Leenhouts in *Blumea*, 31(2): 387 (1986): N. bassacense.
 subvar. beccarianum (Radlk.) P.W. Leenhouts in *Blumea*, 31(2): 390 (1986): N. beccarianum.
 subvar. dasyneurum (Radlk.) P.W. Leenhouts in *Blumea*, 31(2): 388 (1986): N. dasyneurum.
 var. eriopetalum (Miq.) P.W. Leenhouts in *Blumea*, 31(2): 389 (1986): N. eriopetalum.
 var. multinerve (Radlk.) P.W. Leenhouts in *Blumea*, 31(2): 389 (1986): N. multinerve.
 var. ophiodes (Radlk.) P.W. Leenhouts in *Blumea*, 31(2): 390 (1986): N. ophiodes.
 subvar. ophiodes (Radlk.) P.W. Leenhouts in *Blumea*, 31(2): 390 (1986): N. ophiodes.
 var. robustum (Radlk.) P.W. Leenhouts in *Blumea*, 31(2): 391 (1986): N. robustum.
 havilandii P.W. Leenhouts in *Blumea*, 31(2): 394 (1986)—Borneo (Sarawak).
 lappaceum
 var. pallens (Hiern) P.W. Leenhouts in *Blumea*, 31(2): 402 (1986): N. mutabile var. pallens.
 var. xanthioides (Radlk.) P.W. Leenhouts in *Blumea*, 31(2): 403 (1986): N. xanthioides.
 meduseum P.W. Leenhouts in *Blumea*, 31(2): 409 (1986)—Borneo (Sarawak, Brunei, Kalimantan).
 papillatum P.W. Leenhouts in *Blumea*, 31(2): 413 (1986)—Borneo (Sabah).
 ramboutan-ake (Labill.) P.W. Leenhouts in *Blumea*, 31(2): 415 (1986): Litchi ramboutan-ake.
 uncinatum Radlk. ex P.W. Leenhouts in *Blumea*, 31(2): 421 (1986)—Borneo (Sabah, Sarawak, Brunei, Kalimantan), Malaya, Sumatra.
- NEPHTHYTIS** (Arac.).
 hallaei (Bogner) J. Bogner in *Aroideana*, 8(3): 78 (1985 publ. 1986): Callopsiis hallaei.†
 poissonii
 var. constricta (N.E. Brown) C. Ntépé-Nyamé in *Fl. Cameroun*, 31: 56 (1988): N. constricta.
- NEPTUNIA** (Legumin.).
 natans (Willd.) W. Theobald in F. Mason, *Burmah*, ed. 3, 2: 541 (1883); cf. D.J. Mabberley in *Taxon*, 34(1): 155 (1985): Desmanthus natans.
- NERIACANTHUS** (Acanthac.).
 harlingii D.C. Wasshausen in *Op. Bot.*, 92: 271 (1987)—Ecuador.
 var. longifolius D.C. Wasshausen in *Op. Bot.*, 92: 271 (1987)—Ecuador.
- NERIUM** (Apocynac.).
 coccineum Roxb. ex Hornem., *Hort. Hafn., Suppl.*: 126 (1819); cf. D.J. Mabberley in *Taxon*, 33(3): 437 (1984)—Locality not stated.
- NERIUM** :-
 tinctorium W. Roxburgh in Dalrymple, *Oriental Repertory*, 1: 39 (1791); cf. D.J. Mabberley in *Taxon*, 26(5-6): 524 (1977)—India.†
- NERVILIA** (Orchidac.).
 gammieana (Hook. f.) E. Pfitzer in Engler & Prantl, *Nat. Pflanzenfam.*, 2(6): 56, 106 (1888): Pogonia gammieana.
 gassneri B. Pettersson in *Nordic J. Bot.*, 9(5): 492 (1990)—Malawi, Tanzania, Zimbabwe, South Africa (Transvaal).
 kotschyi
 var. purpurata (Rech. f. & Sond.) B. Pettersson in *Nordic J. Bot.*, 9(5): 489 (1990): Pogonia purpurata.
- NESAEA** (Lythrac.).
 muelleri H.J. Hewson in *Fl. Australia*, 18: 322, 107 (1990)—Australia (N. Terr., W. Australia, Queensland).
 prostrata (Dillwyn) C.R. Suresh in D.H. Nicolson, C.R. Suresh & K.S. Manilal, *Interpret. Van Rhee'de's Hort. Malab.*: 168 (1988): Ammannia prostrata.
 striatiflora H.J. Hewson in *Fl. Australia*, 18: 322, 107 (1990)—Australia (W. Australia, N. Terr.).
- NESOGORDONIA** (Sterculiac.).
 abrahamii L.C. Barnett in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 9(1): 95 (1987)—Madagascar.
 pachyneura Capuron ex L.C. Barnett in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 9(1): 98 (1987)—Madagascar.
- NEURACANTHUS** (Acanthac.).
 pictus M.G. Gilbert in *Kew Bull.*, 43(1): 149 (1988)—Kenya, Somali Republic.
- NEURACTIS** (Compos.).
 bidens (Retz.) Veldkamp ex Mesfin Tadesse in *Kew Bull.*, 45(1): 144 (1990): Zinnia bidens.
 smithii (Backer) B.L. Turner in *Phytologia*, 64(6): 443 (1988): Chrysanthellum smithii.
- NEUROLAENA** (Compos.).
 lamina B.L. Turner in *Phytologia*, 69(3): 172 (1990)—Mexico.
- NEVILLEA** (Restionac.).
 singularis E.E. Esterhuysen in *Bothalia*, 15(3-4): 484 (1985)—South Africa (Cape Province).
- NEWTONIA** (Legumin.).
 sect. Eglanula J.F. Villiers in *Bull. Jard. Bot. Nation. Belg.*, 60(1-2): 137 (1990).
 camerunensis J.F. Villiers in *Bull. Jard. Bot. Nation. Belg.*, 60(1-2): 123 (1990)—Cameroun.
 grandifolia J.F. Villiers in *Bull. Jard. Bot. Nation. Belg.*, 58(3-4): 544 (1988)—Gabon, Cameroun, Congo-Brazzaville.
 scandens J.F. Villiers in *Bull. Jard. Bot. Nation. Belg.*, 60(1-2): 134 (1990)—Cameroun.
 warmingii (Benth.) G.P. Lewis, *Legumes of Bahia*: 111 (1987): Mimosa warmingii.
- NICOBARIODENDRON** M.K. Vasudeva Rao & T. Chakrabarty in J. Econ. Taxon. Bot., 7(3): 513 (1985 publ. 1986). **CELASTRACEAE**.
 sleumeri M.K. Vasudeva Rao & T. Chakrabarty in *J. Econ. Taxon. Bot.*, 7(3): 514 (1985 publ. 1986)—Nicobar Is.
- NICOLASIA** (Compos.).
 coronata
 subsp. planifolia S. Lisowski in *Bull. Jard. Bot. Nation. Belg.*, 56(1-2): 203 (1986)—Zaire.
- NICOTIANA** (Solanac.).
 fastigiata Lehm ex Nees, *Del. Sem. Hort. Bot. Vrat.*, 1844: 2, 3 (1844); cf. D.J. Mabberley in *Taxon*, 32(1): 85 (1983)—Locality not stated.
- ×**NICOTUNIA** L. Burbank in J. Whitson et al. (eds.), *Luther Burbank, Methods & Discover.* & their *Practic. Applic.*, 1: 240 (1914). **SOLANACEAE**. (Nicotiana × Petunia).
- NIDORELLA** (Compos.).
 bampsiana S. Lisowski in *Bull. Jard. Bot. Nation. Belg.*, 59(3-4): 471 (1989)—Zaire.
- NIDULARIUM** (Bromeliac.).
 altimontanum E.M.C. Leme in *Bradea*, 5(16): 167 (1989)—Brazil.
 alvimii W. Weber in *Feddes Repert.*, 97(3-4): 122 (1986)—Brazil.
 ambiguum M. das Graças L. Wanderley & E.M.C. Leme in *Bradea*, 5(16): 168 (1989)—Brazil.
 angraensis E. Pereira & E.M.C. Leme in *Bradea*, 4(32): 229 (1986)—Brazil.
 angustibracteatum E.M.C. Leme in *Bradea*, 4(34): 271 (1986)—Brazil.
 billbergioides
 f. azureum E. Pereira & E.M.C. Leme in *Bradea*, 4(32): 235 (1986)—Brazil.
 bocainensis E.M.C. Leme in *Bradea*, 5(16): 169 (1989)—Brazil.
 correia-araujo E. Pereira & E.M.C. Leme in *Bradea*, 4(32): 230 (1986), as 'correia-arauji'—Brazil.
 edmundoi E.M.C. Leme in *Bradea*, 4(34): 270 (1986)—Brazil.
 fraudulentum E.M.C. Leme in *Bradea*, 4(39): 311 (1987)—Brazil.
 lymanioides E. Pereira & E.M.C. Leme in *Bradea*, 4(32): 229 (1986)—Brazil.
 microps
 f. acuminatum E. Pereira & E.M.C. Leme in *Bradea*, 4(32): 226 (1986)—Brazil.
 f. bicense (Ule) E. Pereira & E.M.C. Leme in *Bradea*, 4(32): 225 (1986): N. microcephalum var. bicense.
 f. elatum E. Pereira & E.M.C. Leme in *Bradea*, 4(32): 226 (1986)—Brazil.
 f. pallidum (L.B. Smith) E. Pereira & E.M.C. Leme in *Bradea*, 4(32): 226 (1986): N. microps var. pallidum.
 proprocercum
 var. cariacicaensis W. Weber in *Feddes Repert.*, 97(3-4): 124 (1986)—Brazil.
 pulcherrimum E. Pereira & E.M.C. Leme in *Bradea*, 4(32): 227 (1986)—Brazil.
 selloanum (Baker) E. Pereira & E.M.C. Leme in *Bradea*, 4(32): 235 (1986): Quesnelia selloana.
 simulans E. Pereira & E.M.C. Leme in *Bradea*, 4(32): 228 (1986)—Brazil.
 weberi E. Pereira & E.M.C. Leme in *Bradea*, 4(32): 231 (1986)—Brazil.
- NIGELLA** (Ranunculac.).
 arvensis
 subsp. glaucescens (Guss.) W. Greuter & Burdet in *Willdenowia*, 19(1): 45 (1989): N. arvensis var. glaucescens.
 subsp. latilabris (Zohary) W. Greuter & Burdet in *Willdenowia*, 19(1): 45 (1989): N. deserti var. latilabris.
 subsp. negevensis (Zohary) W. Greuter & Burdet in *Willdenowia*, 19(1): 45 (1989): N. arvensis var. negevensis.
 var. oblancolata P.H. Davis in *Fl. Turkey & E. Aegean Is.*, 10: 231, 14 (1988)—Turkey.
 subsp. palaestina (Zohary) W. Greuter & Burdet in *Willdenowia*, 19(1): 45 (1989): N. arvensis var. palaestina.
 atropurpurea Huber, *Cat. 1866*: 4 (1866); cf. D.J. Mabberley in *Taxon*, 34(3): 451 (1985)—Locality not stated.
 nana J.W. Loud., *Lad. Fl. Gard. Orn. Ann.*: 11 (1840); cf. D.J. Mabberley in *Taxon*, 32(1): 87 (1983)—Locality not stated.
- NIGRITELLA** (Orchidac.).
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var. rubrigemmatum (Abraham) N. Gerloff in Internoto, 9(4): 112 (1988); *N. rubrigemmatum*.
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gutierrezii *W.R. Abraham in Kakt. And. Sukk.*, 39(7): 152 (1988)—Brazil.
herteri
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incomptus *N. Gerloff in Internoto*, 11(2-3): 41 (1990)—Brazil.
linkii
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var. marchesii W.R. Abraham in Kakt. And. Sukk., 40(7): 176 (1989)—Uruguay.
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gracilipes *C. Shih in Acta Phytotax. Sin.*, 25(3): 198 (1987)—China.
guizhouensis *C. Shih in Acta Phytotax. Sin.*, 25(3): 196 (1987)—China.
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rhombiformis *C. Shih in Acta Phytotax. Sin.*, 25(3): 200 (1987)—China.
triflora (*Hemsl.*) *C. Shih in Acta Phytotax. Sin.*, 25(3): 202 (1987); *Lactuca triflora*.
wilsonii (*Chang*) *C. Shih in Acta Phytotax. Sin.*, 25(3): 202 (1987); *Prenanthes wilsonii*.
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 var. ovalifolia (Conard) B. Verdcourt in *Fl. Trop. E. Afr., Nymphaeac.*: 9 (1989): *N. ovalifolia*.
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 denticulata
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 nutans Koen. ex Rottb., *Pl. Hort. Univ. Rar. Prog.*: 22 (1773); cf. D.J. Mabberley in *Taxon*, 33(3): 439 (1984)—Locality not stated.
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 camphoromoea J.G. Rohwer in *Mitt. Inst. Allg. Bot. Hamburg*, 20: 179 (1986), nom. nov.: *Camphoromoea subtriplinervia* Nees.
 deflexa J.G. Rohwer in *Mitt. Inst. Allg. Bot. Hamburg*, 20: 214 (1986), nom. nov.: *Oreodaphne declinata* Meisn.
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 flavantha H. van der Werff in *Ann. Missouri Bot. Gard.*, 76(2): 464 (1989)—Venezuela.
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 glaucosericea J.G. Rohwer in *Mitt. Inst. Allg. Bot. Hamburg*, 20: 144 (1986), nom. nov.: *Nectandra hypoglauca* Standl. ex C.K. Allen.
 glomerata
 subsp. magnifica (O.C. Schmidt) J.G. Rohwer in *Mitt. Inst. Allg. Bot. Hamburg*, 20: 159 (1986): *O. magnifica*.
 gomezii W. Burger in *Fieldiana, Bot.*, 23: 81 (1990)—Costa Rica.
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 huberi H. van der Werff in *Ann. Missouri Bot. Gard.*, 76(2): 467 (1989)—Venezuela.
 julianii H. van der Werff in *Ann. Missouri Bot. Gard.*, 76(2): 468 (1989), nom. nov.: *Phoebe steyermarkiana* Allen.
 lentii W. Burger in *Fieldiana, Bot.*, 23: 86 (1990)—Costa Rica.
 liesneri H. van der Werff in *Ann. Missouri Bot. Gard.*, 76(2): 468 (1989)—Venezuela.
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 mollicella (Blake) H. van der Werff in *Fieldiana, Bot.*, 23: 88 (1990): *Phoebe mollicella*.
 montevidensis W. Burger in *Fieldiana, Bot.*, 23: 89 (1990)—Costa Rica.
 nitida (Meisn.) J.G. Rohwer in *Mitt. Inst. Allg. Bot. Hamburg*, 20: 160 (1986): *Aydendron nitidum*.
 oblonga
 subsp. cuprea (Meisn.) J.G. Rohwer in *Mitt. Inst. Allg. Bot. Hamburg*, 20: 151 (1986): *Oreodaphne cuprea*.

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- oblongoobovata (Nees) J.G. Rohwer in Mitt. Inst. Allg. Bot. Hamburg, 20: 153 (1986): Oreodaphne oblongoobovata.
- odorifera (Vell.) J.G. Rohwer in Mitt. Inst. Allg. Bot. Hamburg, 20: 111 (1986): Laurus odorifera.
- perrobusta (C.K. Allen) J.G. Rohwer in Mitt. Inst. Allg. Bot. Hamburg, 20: 170 (1986): Aiouea perrobusta.
- peruviana J.G. Rohwer in Mitt. Inst. Allg. Bot. Hamburg, 20: 154 (1986), nom. nov.: Oreodaphne cuneifolia Nees.
- pittieri (Mez) H. van der Werff in Fieldiana, Bot., 23: 92 (1990): Phoebe pittieri.
- producta (C.K. Allen) J.G. Rohwer in Mitt. Inst. Allg. Bot. Hamburg, 20: 143 (1986): Nectandra producta.
- pseudopalmana W. Burger in Fieldiana, Bot., 23: 92 (1990)—Costa Rica.
- quadriflorata (Burger) A.J.G.H. Kostermans in Bot. Helvetica, 100(1): 36 (1990): Povedadaphne quadriflorata.
- reticularis (Britton & Wilson) C.K. Allen ex J.G. Rohwer in Mitt. Inst. Allg. Bot. Hamburg, 20: 126 (1986): Nectandra reticularis.
- rigens (Nees) J.G. Rohwer in Mitt. Inst. Allg. Bot. Hamburg, 20: 215 (1986): Oreodaphne rigens.
- roseopedunculata H. van der Werff in Ann. Missouri Bot. Gard., 76(2): 470 (1989)—Venezuela.
- silvae I. de Vattimo-Gil in Rev. Brasil. Biol., 48(4): 952 (1988)—Brazil.
- strigosa H. van der Werff in Ann. Missouri Bot. Gard., 75(2): 723 (1988)—Nicaragua.
- tabacifolia (Meissn.) J.G. Rohwer in Mitt. Inst. Allg. Bot. Hamburg, 20: 173 (1986): Persea tabacifolia.
- tomentosa H. van der Werff in Ann. Missouri Bot. Gard., 76(2): 470 (1989)—Venezuela.
- uxpanapana T. Wendt & H. van der Werff in Ann. Missouri Bot. Gard., 74(2): 413 (1987)—Mexico.
- valeriana (Standl.) W. Burger in Fieldiana, Bot., 23: 96 (1990): Phoebe valeriana.
- valerioides W. Burger in Fieldiana, Bot., 23: 97 (1990)—Costa Rica, Panama.
- velutina (Nees) J.G. Rohwer in Mitt. Inst. Allg. Bot. Hamburg, 20: 172 (1986): Oreodaphne velutina.
- wilhelmiae I. de Vattimo-Gil in Rev. Brasil. Biol., 48(4): 954 (1988)—Surinam.

OCTOMERIA (Orchidac.).

- gemma G. Carnevali F.C. & I. Ramirez in Ernstia, 39: 13 (1986)—Venezuela.
- heleneana G. Carnevali F.C. & F. Delascio Chitty in Ernstia, 45: 12 (1987)—Venezuela.
- romerorum G. Carnevali & I. Ramirez in Ann. Missouri Bot. Gard., 77(3): 551 (1990)—Venezuela.

ODICARDIS (Scrophulariac.).

- simensis (Fresen.) K. Barringer in Taxon, 38(1): 140 (1989): Veronica simensis.

ODONTARRHENA (Crucif.).

- muralis (Waldst. & Kit.) Endl., Cat. Horti Vindob., 2: 245 (1842); cf. D.J. Mabberley in Taxon, 33(3): 435 (1984): Alyssum murale.

ODONTITES (Scrophulariac.).

- asturicus (Lainz) M. Lainz, Mis contrib. conocim. fl. Asturias: 57 (1982): O. viscosus subsp. asturicus.
- var. sanguineus M. Lainz, Mis contrib. conocim. fl. Asturias: 58 (1982)—Spain.
- lanceolata
- subsp. provincialis M. Bolliger in Bot. Jahrb., 111(1): 19 (1989)—France.
- vulcanicus M. Bolliger in Bot. Jahrb., 112(1): 116 (1990)—Morocco.

ODONTOCARYA (Menispermac.).

- mexicana R.C. Barneby in An. Inst. Biol. Univ. Nac. Autón. Méx., Bot., 54: 153 (1983 publ. 1987)—Mexico.

ODONTOCHILUS (Orchidac.).

- inabai
- var. candidus (Lin & Hsu) S.S. Ying in Quart. J. Chinese Forest., 21(2): 116 (1988): Odontochilus candidus.

ODONTOGLOSSUM (Orchidac.).

- crystalinum
- var. argus (Rchb. f.) L. Bockemühl, Odontoglossum, Monogr. u. Ikonogr.: 51 (1989): O. cristatum var. argus.
- var. canari (Rchb. f.) L. Bockemühl, Odontoglossum, Monogr. u. Ikonogr.: 51 (1989): O. cristatum var. canari.
- var. dayanum (Rchb. f.) L. Bockemühl, Odontoglossum, Monogr. u. Ikonogr.: 51 (1989): O. cristatum var. dayanum.
- subsp. lehmannii (Rchb. f.) L. Bockemühl, Odontoglossum, Monogr. u. Ikonogr.: 53 (1989): O. lehmannii.
- crocidipterum
- subsp. dormanianum (Rchb. f.) L. Bockemühl, Odontoglossum, Monogr. u. Ikonogr.: 162 (1989): O. dormanianum.
- gloriosum
- var. flaviflorum L. Bockemühl, Odontoglossum, Monogr. u. Ikonogr.: 148 (1989)—Colombia.
- lindleyanum
- var. parviflorum L. Bockemühl, Odontoglossum, Monogr. u. Ikonogr.: 194 (1989)—Ecuador.
- matangense L. Bockemühl in Orchidee, 37(5): 209 (1986)—Ecuador.
- nobile
- var. leucoxanthum (Rchb. f.) L. Bockemühl in Orchidee, 38(4): 177 (1987): O. pescatorei var. leucoxanthum.
- var. veitchianum (Rchb. f.) L. Bockemühl in Orchidee, 38(4): 177 (1987): O. pescatorei var. veitchianum.
- portmannii L. Bockemühl in Orchidee, 39(1): 13 (1988)—Ecuador, Peru.
- subsp. cohriae L. Bockemühl in Orchidee, 39(1): 15 (1988)—Colombia.
- ramosissimum
- var. albomaculatum L. Bockemühl in Orchidee, 37(4): 161 (1986), as 'albo-maculatum'—Ecuador.
- reversum L. Bockemühl in Orchidee, 37(5): 207 (1986)—Colombia.
- scapulum
- var. facetum (Rchb. f.) L. Bockemühl, Odontoglossum, Monogr. u. Ikonogr.: 116 (1989): O. facetum.
- var. masereelianum (Rchb. f.) L. Bockemühl in Orchidee, 38(5): 229 (1987): O. masereelianum.
- spectatissimum
- var. cinctum (Rchb. f.) L. Bockemühl, Odontoglossum, Monogr. u. Ikonogr.: 68 (1989): O. triumphans var. cinctum.

ODONTONEMA (Acanthac.).

- auriculatum (Rose) T.F. Daniel in Southwest. Nat., 31(2): 174 (1986): Jacobinia auriculata.

×ODONTOPILIA hort. in Orchid Rev., 95(1119): centre page pull-out p. 8 (1987), as 'Odontopolia'.
ORCHIDACEAE. (Odontoglossum × Trichopilia).**OECEOLADES** (Orchidac.).

- pulchra (Thouars) Cribb & M.A. Clements in Austral. Orchid Res., 1: 99 (1989): Limodorum pulchrum.

OEDIBASIS (Umbellif.).

- pachyphylla I.C. Hedge & J.M. Lamond in Fl. Iran., 162: 437 (1987)—Afghanistan.

OENANTHE (Umbellif.).

- alatinervis Y.Y. Qian in Guihaia, 9(2): 117 (1989)—China.

OENOCARPUS (Palmae).

- balickii F. Kahn in Candollea, 45(1): 351 (1990)—Peru.

OENOTHERA (Onagrac.).

- subsect. Australis W.L. Wagner & W. Dietrich in Ann. Missouri Bot. Gard., 73(2): 479 (1986).
- ser. Candela W. Dietrich & W.L. Wagner in Ann. Missouri Bot. Gard., 74(1): 147 (1987).
- sect. Contortae W.L. Wagner in Ann. Missouri Bot. Gard., 73(2): 478 (1986).
- sect. Eremia W.L. Wagner in Ann. Missouri Bot. Gard., 73(2): 477 (1986).

OENOTHERA :-

- subsect. Nutantigemma W. Dietrich & W.L. Wagner in Ann. Missouri Bot. Gard., 74(1): 145 (1987).
- ser. Raimannia (Rose ex Britton & A. Brown) W. Dietrich & W.L. Wagner in Ann. Missouri Bot. Gard., 74(1): 148 (1987): gen. Raimannia.
- sect. Ravenia W.L. Wagner in Ann. Missouri Bot. Gard., 73(2): 477 (1986).
- breedlovei W. Dietrich & W.L. Wagner in Ann. Missouri Bot. Gard., 74(1): 146 (1987)—Mexico.
- caespitosa
- var. macroglottis (Rydb.) A. Cronquist in Great Basin Nat., 46(2): 259 (1986): Pachylophus macroglottis.
- var. navajoensis (Wagner, Stockhouse & Klein) A. Cronquist in Great Basin Nat., 46(2): 259 (1986), without full basionym ref.: O. caespitosa subsp. navajoensis.
- cordata J.W. Loud., Lad. Fl. Gard. Orn. Perenn., 1: 167 (1843); cf. D.J. Mabberley in Taxon, 32(1): 87 (1983)—Locality not stated.
- coryi W.L. Wagner in Ann. Missouri Bot. Gard., 73(2): 475 (1986)—U.S.A. (Texas).
- drummondii
- subsp. thalassaphila (Brandege) W. Dietrich & W.L. Wagner in Ann. Missouri Bot. Gard., 74(1): 150 (1987): O. thalassaphila.
- elata
- subsp. hookeri (Torrey & A. Gray) W. Dietrich & W.L. Wagner in Ann. Missouri Bot. Gard., 74(1): 152 (1987): O. hookeri.
- subsp. texensis W. Dietrich & W.L. Wagner in Ann. Missouri Bot. Gard., 74(1): 152 (1987)—U.S.A. (Texas).
- falfurriae W. Dietrich & W.L. Wagner in Ann. Missouri Bot. Gard., 74(1): 149 (1987)—U.S.A. (Texas).
- flava
- var. acutissima (W.L. Wagner) S.L. Welsh in Great Basin Nat., 46(2): 259 (1986): O. acutissima.
- subsp. taraxacoides (Woot. & Standl.) W.L. Wagner in Ann. Missouri Bot. Gard., 73(2): 479 (1986): Lavauxia taraxacoides.
- gigantea Huber, Cat. Gén. 1871 & 1872: 4 (1871); cf. D.J. Mabberley in Taxon, 34(3): 453 (1985)—Locality not stated.
- nissensis
- var. fiedleri P. Gutte & K. Rostański in Ber. Arbeitsgemeinschaft. Sächs. Bot., 11(2): 185 (1981)—Germany.
- primiveris
- var. bufonis (Jones) A. Cronquist in Great Basin Nat., 46(2): 259 (1986): O. bufonis.
- ×rigrubata Renner ex P. Gutte & K. Rostański in Ber. Arbeitsgemeinschaft. Sächs. Bot., 11(2): 188 (1981)—Germany. (O. ammophila var. germanica × biennis).
- rubricaulis
- var. longistylis P. Gutte & K. Rostański in Ber. Arbeitsgemeinschaft. Sächs. Bot., 11(2): 187 (1981)—Germany.
- salicifolia Desf. ex Lehm., Sem. Hort. Bot. Hamb., 1824: 20 (1824); cf. D.J. Mabberley in Taxon, 32(1): 85 (1983)—Locality not stated.
- spectabilis Lehm., Sem. Hort. Bot. Hamb., 1824: 20 (1824); cf. D.J. Mabberley in Taxon, 32(1): 85 (1983)—Locality not stated.
- tamrae W. Dietrich & W.L. Wagner in Ann. Missouri Bot. Gard., 74(1): 146 (1987)—Mexico.

OENONIA (Orchidac.).

- brauniana
- var. sarcanthoides (Schltr.) J. Bosser in Bull. Mus. Nation. Hist. Nat., B, Adansonia, Ser. 4, 11(2): 162 (1989); see Bull. Mus. Nation. Hist. Nat., B, Adansonia, Ser. 4, 11(4): 382 (1989 publ. 1990): Oeoniella sarcanthoides.

OERSTEDDELLA (Orchidac.).

- aberrans (Schltr.) F. Hamer in Ic. Pl. Trop., 9 (Orch. Nicaragua, pt. 3): t. 891 (1983): Epidendrum aberrans.

OGLIFA (Compos.).

- lojaconoi S. Brullo in Doc. Phytosoc., N.S., 9: 8 (1985), in reprint, nom. nov.: Filago cossyrensis Lojac.

- OLAX** (Oleaceae).
acuminata Wall. ex Benth. in *Proc. Linn. Soc.*, 1: 89 (1840); cf. D.J. Mabberley in *Taxon*, 31(1): 71 (1982)—Locality not stated.
nana Wall. ex Benth. in *Proc. Linn. Soc.*, 1: 88 (1840); cf. D.J. Mabberley in *Taxon*, 31(1): 71 (1982)—Locality not stated.
- OLDENBURGIA** (Compos.).
intermedia P. Bond in *S. Afr. J. Bot.*, 53(6): 496 (1987)—South Africa (Cape Province).
- OLDENLANDIA** (Rubiaceae).
subgen. Phymatesta B. Verdcourt in *Fl. Zambes.*, 5(1): 121 (1989).
drymarioides (Standley) E.E. Terrell in *Phytologia*, 59(1): 80 (1985); *Houstonia drymarioides*.
machingensis B. Verdcourt in *Fl. Zambes.*, 5(1): 140 (1989)—Malawi.
robinsonii B. Verdcourt in *Fl. Zambes.*, 5(1): 142 (1989)—Zambia.
verrucitesta B. Verdcourt in *Fl. Zambes.*, 5(1): 133 (1989)—Mozambique.
- OLDENLANDIOPSIS** E.E. Terrell & W.H. Lewis in *Brittonia*, 42(3): 185 (1990). RUBIACEAE.
callitrichoides (Griseb.) E.E. Terrell & W.H. Lewis in *Brittonia*, 42(3): 185 (1990); *Oldenlandia callitrichoides*.
- OLEA** (Oleaceae).
capensis
subsp. hochstetteri (Baker) I. Friis & P.S. Green in *Kew Bull.*, 41(1): 36 (1986); O. hochstetteri.
subsp. welwitschii (Knobl.) I. Friis & P.S. Green in *Kew Bull.*, 41(1): 36 (1986); *Maypea welwitschii*.
europaea
f. dulcis S. Collette in *Kew Mag.*, 5(1): 38 (1988)—Saudi Arabia.
fragrans C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 57 (1784)—Japan.†
maroccana W. Greuter & Burdet in *Willdenowia*, 19(1): 37 (1989), nom. nov.: O. salicifolia Barbero et al.
salicifolia M. Barbero, A. Benabid, P. Quezel, S. Rivas-Martinez & A. Santos in *Doc. Phytosoc.*, n.s., 6: 319 (1982)—Morocco.
- OLEARIA** (Compos.).
archeri N.S. Lander in *Muelleria*, 7(1): 117 (1989)—Tasmania.
astroloba N.S. Lander & N.G. Walsh in *Muelleria*, 7(1): 123 (1989)—Australia (Victoria).
eremaea N.S. Lander in *Nuytsia*, 7(2): 141 (1990)—Australia (W. Australia).
fluvialis N.S. Lander in *Nuytsia*, 7(2): 145 (1990)—Australia (W. Australia).
gordonii N.S. Lander in *Nuytsia*, 7(1): 32 (1989)—Australia (Queensland).
humilis N.S. Lander in *Nuytsia*, 7(1): 26 (1989)—Australia (W. Australia).
incondita N.S. Lander in *Nuytsia*, 7(2): 147 (1990)—Australia (W. Australia).
laciniifolia N.S. Lander in *Nuytsia*, 7(2): 149 (1990)—Australia (W. Australia).
macdonnellensis D.A. Cooke in *Muelleria*, 6(3–4): 181 (1986)—Australia (N. Terr.).
mucronata N.S. Lander in *Nuytsia*, 7(2): 151 (1990)—Australia (W. Australia).
occidentissima N.S. Lander in *Nuytsia*, 7(2): 153 (1990)—Australia (W. Australia).
pannosa
subsp. cardiophylla (F. Muell.) D.A. Cooke in *Fl. S. Australia*, 3: 1483 (1986); *Eurybia cardiophylla*.
plucheacea N.S. Lander in *Nuytsia*, 7(2): 157 (1990)—Australia (W. Australia).
tridens D.A. Cooke in *Muelleria*, 6(3–4): 182 (1986)—Australia (N. Terr.).
- OLIGOPHYTON** H.P. Linder in *Kew Bull.*, 41(2): 314 (1986). ORCHIDACEAE.
drummondii H.P. Linder & G. Williamson in *Kew Bull.*, 41(2): 314 (1986)—Zimbabwe.
- OLIGOSPORUS** (Compos.).
dracuncululus
subsp. dracunculinus (S. Wats.) W.A. Weber in *Phytologia*, 67(6): 426 (1989); *Artemisia dracunculina*.
- OLIGOSTACHYUM** (Gramin.).
heterolodiculum W.T. Lin & Z.J. Feng in *Guihaia*, 10(1): 16 (1990)—China.
- OLIVERIANA** (Orchidaceae).
ecuadorensis C.H. Dodson in *Ic. Pl. Trop.*, Ser. 2, 6: t. 558 (1989)—Ecuador.
simulans C.H. Dodson & R. Vásquez Ch. in *Ic. Pl. Trop.*, Ser. 2, 3: t. 270 (1989)—Bolivia.
- OLSYNIUM** (Iridaceae).
acaulis (Klatt) P. Goldblatt in *Syst. Bot.*, 15(3): 508 (1990); *Sisyrinchium acaulis*.
biflorum (Thunb.) P. Goldblatt in *Syst. Bot.*, 15(3): 508 (1990); *Gladiolus biflorus*.
bodenbenderi (Kurtz) P. Goldblatt in *Syst. Bot.*, 15(3): 508 (1990); *Chamelum bodenbenderi*.
filifolium (Gaudich.) P. Goldblatt in *Syst. Bot.*, 15(3): 508 (1990); *Sisyrinchium filifolium*.
frigidum (Poeppig) P. Goldblatt in *Syst. Bot.*, 15(3): 508 (1990); *Sisyrinchium frigidum*.
junceum (E. Meyer ex Presl) P. Goldblatt in *Syst. Bot.*, 15(3): 508 (1990); *Sisyrinchium junceum*.
luteum (Philippi) P. Goldblatt in *Syst. Bot.*, 15(3): 508 (1990); *Chamelum luteum*.
lyckholmi (Dusén) P. Goldblatt in *Syst. Bot.*, 15(3): 508 (1990); *Symphystemon lyckholmi*.
obscura (Cav.) P. Goldblatt in *Syst. Bot.*, 15(3): 508 (1990); *Galaxia obscura*.
philippii (Klatt) P. Goldblatt in *Syst. Bot.*, 15(3): 508 (1990); *Sisyrinchium philippii*.
scirpoideum (Poeppig) P. Goldblatt in *Syst. Bot.*, 15(3): 508 (1990); *Sisyrinchium scirpoideum*.
- OLYRA** (Gramin.).
amapana T.R. Soderstrom & F.O. Zuloaga in *Smithsonian Contrib. Bot.*, 69: 5 (1989)—Brazil.
holttumi T.R. Soderstrom & F.O. Zuloaga in *Kew Bull.*, 41(3): 722 (1986)—Panama.
latispicula T.R. Soderstrom & F.O. Zuloaga in *Smithsonian Contrib. Bot.*, 69: 35 (1989)—Brazil.
retrorsa T.R. Soderstrom & F.O. Zuloaga in *Smithsonian Contrib. Bot.*, 69: 54 (1989)—Brazil.
tamanquareana T.R. Soderstrom & F.O. Zuloaga in *Smithsonian Contrib. Bot.*, 69: 58 (1989)—Brazil.
- OMALOTHECA** (Compos.).
supina
subsp. pusilla (Haenke) S. Rivas-Martinez, F. Fernández González & D. Sánchez-Mata in *Opusc. Bot. Pharm. Complutensis*, 2: 114 (1986), without basionym page; *Gnaphalium pusillum*.
subsp. pusilla (Haenke) Rivas-Martinez et al. ex F. Amich, J.A. Sánchez Rodríguez & F.J. Fernández Diez, *Excicc. Select. Fl. Ibericae*: 27 (1988); *Gnaphalium pusillum*.
sylvatica
var. carpetana (Boiss. & Reuter ex Willk.) T. Romero Martín & E. Rico Hernández in *Ruizia*, 8: 284 (1989); *Gnaphalium sylvaticum* var. *carpetanum*.
- OMPHALODES** (Boraginaceae).
davisiana Kit Tan & F. Sorger in *Pl. Syst. Evol.*, 154(1–2): 125 (1986)—Turkey.
glochidata A. Bunge, *Beitr. Fl. Russl.*: 237 (1852)—U.S.S.R. (Middle Asia).†
physodes A. Bunge, *Beitr. Fl. Russl.*: 238 (1852)—U.S.S.R. (Middle Asia).†
richardsonii G.L. Nesom in *Sida*, 13(1): 27 (1988)—Mexico.
- OMPHALOTRIGONOTIS** (Boraginaceae).
vaginata Y.Y. Fang in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 89 (1987)—China.
- ONAGRA** (Onagraceae).
elata (Kunth) Bartl., *Ind. Sem. Hort. Acad. Gott.*, 1838: 5 (1838); cf. D.J. Mabberley in *Taxon*, 32(1): 85 (1983); *Oenothera elata*.
- ONCIDIUM** (Orchidaceae).
andradeanum C.H. Dodson & D.E. Bennett in *Ic. Pl. Trop.*, Ser. 2, 2: t. 120 (1989)—Ecuador, Peru.
inouei T. Hashimoto in *Bull. Nation. Sci. Mus.*, B (Tokyo), 16(1): 23 (1990)—Peru.
leleui R. Jiménez Machorro & M.A. Soto Arenas in *Orquídea (México)*, 12(1): 58 (1990)—Mexico.
pastorellii C.H. Dodson & D.E. Bennett in *Ic. Pl. Trop.*, Ser. 2, 2: t. 138 (1989)—Peru.
urophyllum
f. flavum R.J. Midgett in *Amer. Orchid Soc. Bull.*, 58(2): 124 (1989)—Leeward Is.
- ONCOSIPHON** M. Källersjö in *Bot. J. Linn. Soc.*, 96(4): 310 (1988). COMPOSITAE.
africanum (Berg.) M. Källersjö in *Bot. J. Linn. Soc.*, 96(4): 312 (1988); *Matricaria africana*.
glabratum (Thunb.) M. Källersjö in *Bot. J. Linn. Soc.*, 96(4): 312 (1988); *Chrysanthemum glabratum*.
grandiflorum (Thunb.) M. Källersjö in *Bot. J. Linn. Soc.*, 96(4): 313 (1988); *Tanacetum grandiflorum*.
intermedium (Hutch.) M. Källersjö in *Bot. J. Linn. Soc.*, 96(4): 313 (1988); *Pentzia intermedia*.
piluliferum (L.f.) M. Källersjö in *Bot. J. Linn. Soc.*, 96(4): 314 (1988); *Cotula pilulifera*.
sabulosum (Wolley Dod) M. Källersjö in *Bot. J. Linn. Soc.*, 96(4): 313 (1988)—*Matricaria sabulosa*.
schlechteri (Bolus ex Schlechter) M. Källersjö in *Bot. J. Linn. Soc.*, 96(4): 312 (1988); *Matricaria schlechteri*.
suffruticosum (L.) M. Källersjö in *Bot. J. Linn. Soc.*, 96(4): 313 (1988); *Tanacetum suffruticosum*.
- ONCOSTEMA** (Hyacinthaceae).
subgen. Petranthe (Salisb.) F. Speta in *Phyton (Austria)*, 26(2): 272 (1987); gen. *Petranthe*.
africana (Borzi & Mattei) F. Speta in *Phyton (Austria)*, 26(2): 264 (1987); *Scilla africana*.
barba-caprae (Aschers. & Barbey ex Durand & Barranté) F. Speta in *Phyton (Austria)*, 26(2): 264 (1987); *Ornithogalum barba-caprae*.
beirana (Samp.) F. Speta in *Phyton (Austria)*, 26(2): 264 (1987); *Scilla beirana*.
cerulea (Rafin.) F. Speta in *Phyton (Austria)*, 26(2): 265 (1987); *Ornithogalum ceruleum*.
elongata (Parlatore) F. Speta in *Phyton (Austria)*, 26(2): 265 (1987); *Scilla elongata*.
hughii (Tineo ex Guss.) F. Speta in *Phyton (Austria)*, 26(2): 265 (1987); *Scilla hughii*.
liliohyacinthus (L.) F. Speta in *Phyton (Austria)*, 26(2): 274 (1987); *Scilla lilio-hyacinthus*.
monophyllos (Link) F. Speta in *Phyton (Austria)*, 26(2): 274 (1987); *Scilla monophyllos*.
odorata (Link) F. Speta in *Phyton (Austria)*, 26(2): 274 (1987); *Scilla odorata*.
peruviana (L.) F. Speta in *Phyton (Austria)*, 26(2): 264 (1987); *Scilla peruviana*.
ramburei (Boiss.) F. Speta in *Phyton (Austria)*, 26(2): 274 (1987); *Scilla ramburei*.
scicula (Tineo ex Guss.) F. Speta in *Phyton (Austria)*, 26(2): 265 (1987); *Scilla scicula*.
tingitana (Schousb.) F. Speta in *Phyton (Austria)*, 26(2): 274 (1987); *Scilla tingitana*.
umbellata (Ramond) F. Speta in *Phyton (Austria)*, 26(2): 274 (1987); *Scilla umbellata*.
verna (Hudson) F. Speta in *Phyton (Austria)*, 26(2): 272 (1987); *Scilla verna*.
- ONCOTHECA** (Oncothecaceae).
humboldtiana (Guillaumin) P. Morat & J.M. Veillon in *Fl. N. Calé. & Dépend.*, 15: 96 (1988); *Elaeodendron humboldtianum*.
- ONOBROMA** (Compos.).
cretica (L.) Hornem., *Hort. Hafn.*: 786 (1815); cf. D.J. Mabberley in *Taxon*, 33(3): 437 (1984); *Basionym* not stated.
lanata (L.) Hornem., *Hort. Hafn.*: 786 (1815); cf. D.J. Mabberley in *Taxon*, 33(3): 437 (1984); *Carthamus lanatus*.
mitissima (L.) Hornem., *Hort. Hafn.*: 786 (1815); cf. D.J. Mabberley in *Taxon*, 33(3): 437 (1984); *Basionym* not stated.
- ONOBRYCHIS** (Legumin.).
alba
subsp. tenoreana (Lacaita) Pignatti ex W. Greuter & Burdet in *Willdenowia*, 16(2): 446 (1987); O. tenoreana.

ONOBRYCHIS :-

- cilicica* Kit Tan & F. Sorger in *Pl. Syst. Evol.*, 154(1-2): 119 (1986)—Turkey.
humilis (L.) G. López González in *An. Jard. Bot. Madrid*, 42(2): 321 (1985 publ. 1986): *Hedysarum humile*.
 subsp. *jahandiezii* (Širj.) W. Greuter & Burdet in *Willdenowia*, 19(1): 33 (1989): *O. jahandiezii*.
 subsp. *matritensis* (Boiss. & Reuter) W. Greuter & Burdet in *Willdenowia*, 19(1): 33 (1989): *O. matritensis*.
marashensis H. Duman & M. Vural in *Doğa, Turk. J. Bot.*, 14: 45 (1990)—Turkey.
 var. *alpina* H. Duman & M. Vural in *Doğa, Turk. J. Bot.*, 14: 48 (1990)—Turkey.
 var. *longicaulis* H. Duman & M. Vural in *Doğa, Turk. J. Bot.*, 14: 47 (1990)—Turkey.
montana
 subsp. *macrocarpa* A. Strid in A. Strid (ed.), *Mount. Fl. Greece*, 1: 537 (1986)—Greece.
mutensis Kit Tan & F. Sorger in *Pl. Syst. Evol.*, 154(1-2): 117 (1986)—Turkey.
sivastica Kit Tan & F. Sorger in *Pl. Syst. Evol.*, 154(1-2): 119 (1986)—Turkey.
tesquicola L.I. Kritskaya in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1975: 126 (1975 publ. 1976)—U.S.S.R. (Ukraine).

ONONIS (Legumin.).

- alopeuroides*
 subsp. *exalopeuroides* (G. López) W. Greuter & Burdet in *Willdenowia*, 19(1): 33 (1989): *O. exalopeuroides*.
azcaratei J.A. Devesa in *Lagascalia*, 14(1): 143 (1986)—Spain.
baetica
 var. *donanensis* J.A. Devesa in *Lagascalia*, 14(1): 83 (1986)—Spain.
exalopeuroides G. López González in *An. Jard. Bot. Madrid*, 42(2): 322 (1985 publ. 1986)—Israel.
natrix
 subsp. *gibraltaria* (Boiss.) J.A. Devesa in *Mem. Soc. Brot.*, 28: 34 (1988): *O. gibraltaria*.
pendula
 subsp. *boissieri* (Širj.) J.A. Devesa in *Lagascalia*, 14(1): 144 (1986): *O. pendula* f. *boissieri*.
 subsp. *munbyi* (Sirj.) W. Greuter & Burdet in *Willdenowia*, 16(2): 446 (1987): *O. pendula* var. *munbyi*.
repens
 subsp. *antiquorum* (L.) W. Greuter in *Willdenowia*, 16(1): 113 (1986): *O. antiquorum*.
 subsp. *arvensis* (L.) W. Greuter in *Willdenowia*, 16(1): 113 (1986): *O. arvensis*.
 subsp. *australis* (Sirj.) J.A. Devesa in *Lagascalia*, 14(1): 145 (1986): *O. repens* var. *australis*.
 subsp. *austriaca* (G. Beck) W. Greuter & Burdet in *Willdenowia*, 16(2): 446 (1987): *O. austriaca*.
 subsp. *diantha* (Reichenb.) W. Greuter in *Willdenowia*, 16(1): 113 (1986): *O. diantha*.
 var. *hispanica* (Lange) J.A. Devesa in *Lagascalia*, 14(1): 145 (1986): *O. antiquorum* var. *hispanica*.
 subsp. *leiosperma* (Boiss.) W. Greuter in *Willdenowia*, 16(1): 113 (1986): *O. leiosperma*.
 subsp. *masquillierii* (Bertol.) W. Greuter in *Willdenowia*, 16(1): 113 (1986): *O. masquillierii*.
 subsp. *spinosa* W. Greuter in *Willdenowia*, 16(1): 113 (1986), nom. nov.: *O. campestris* Koch & Ziz.
 subsp. *spinosiformis* (Simonkai) W. Greuter in *Willdenowia*, 16(1): 113 (1986): *O. spinosiformis*.
spinosa
 subsp. *arvensis* (L.) W. Greuter & Burdet in *Willdenowia*, 19(1): 33 (1989): *O. arvensis*.
 subsp. *australis* (Sirj.) W. Greuter & Burdet in *Willdenowia*, 19(1): 33 (1989): *O. repens* var. *australis*.
 subsp. *masquillierii* (Bertol.) W. Greuter & Burdet in *Willdenowia*, 19(1): 34 (1989): *O. masquillierii*.
 subsp. *spinosiformis* (Simkovic) W. Greuter & Burdet in *Willdenowia*, 19(1): 34 (1989): *O. spinosiformis*.
varelae J.A. Devesa in *Lagascalia*, 14(1): 84 (1986)—Spain.

ONOPORDUM (Compos.).

- bracteatum*
 var. *arachnoideum* S. Erik & H. Sümbül in *Notes Roy. Bot. Gard. Edinburgh*, 44(1): 155 (1986)—Turkey.
 ×*humile*
 var. *turoloensis* (Sennen) M.B. Crespo & G. Mateo in *Collect. Bot.*, 18: 97 (1990): *O. ×turoloensis*.
sarrafii C.C. Townsend in *Kew Bull.*, 42(2): 439 (1987)—Iraq.
ONOSMA (Boraginac.).
edmondsonii H. Riedl in *Lin. Biol. Beitr.*, 19(2): 461 (1987), nom. nov.: *O. anisocalyx* Edmondson & H. Riedl.
epiroticum H. Teppner in *Phyton (Austria)*, 28(1): 52 (1988)—Greece.
erectum
 subsp. *malickyi* H. Teppner in *Phyton (Austria)*, 28(1): 126 (1988)—Greece.
kaheirei H. Teppner in *Phyton (Austria)*, 28(1): 116 (1988)—Greece.
nydegeri A. Huber-Morath in *Bauhinia*, 9(1): 39 (1988)—Turkey.
sangiasense H. Teppner & G. Iatrou in *Phyton (Austria)*, 27(2): 286 (1987)—Greece.
stridii H. Teppner in *Phyton (Austria)*, 28(2): 272 (1988)—Greece.
volgense D.N. Dobrochaeva in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1976: 114 (1976 publ. 1977)—U.S.S.R. (European Russia).
zangezorum T.N. Popova in *Novosti Sist. Vyssh. Rast.*, 26: 133 (1989), as 'zangezura'—U.S.S.R. (Caucasus).

OPHIOPOGON (Convallariac.).

- angustifolius* (Wang & Tang) S.C. Chen in *Acta Phytotax. Sin.*, 26(2): 141 (1988): *O. bockianus* var. *angustifolius*.
compressus Y. Wan & C.C. Huang in *Acta Phytotax. Sin.*, 25(5): 400 (1987)—China.
kradungensis M.N. Tamura in *Acta Phytotax. Geobot.*, 41(1-3): 2 (1990)—Thailand.
longipedicellatus Y. Wan & C.C. Huang in *Acta Phytotax. Sin.*, 25(5): 399 (1987)—China.
lushuensis S.C. Chen in *Acta Phytotax. Sin.*, 26(2): 141 (1988)—China.
multiflorus Y. Wan in *Guihaia*, 8(3): 235 (1988)—China.
sinensis Y. Wan & C.C. Huang in *Acta Phytotax. Sin.*, 25(5): 398 (1987)—China.
yunnanensis S.C. Chen in *Acta Phytotax. Sin.*, 26(2): 140 (1988)—China.

OPHIORRHIZA (Rubiace.).

- alatiflora* H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 62 (1990)—China.
 var. *trichoneura* H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 63 (1990)—China.
aureolina H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 34 (1990)—China.
f. qiongyaensis H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 36 (1990)—Hainan.
austroyunnanensis H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 30 (1990), as 'astroyunnanensis'—China.
brevidentata H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 32 (1990)—China.
cana H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 20 (1990)—China.
carosicaulis H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 60 (1990)—China.
chinensis H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 70 (1990)—China.
f. emeiensis H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 74 (1990)—China.
chingii H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 65 (1990), contrary to Art. 37.4 ICBN (1988)—China.
cordata W.L. Sha ex H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 55 (1990), contrary to Art. 37.4 ICBN (1988)—China.
crassifolia H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 47 (1990)—China.
densa H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 57 (1990)—China.
dulongensis H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 27 (1990)—China.

OPHIORRHIZA :-

- ensiformis* H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 22 (1990)—China.
exigua (Li) H.S. Lo in *Acta Bot. Yunnanica*, 9(3): 301 (1987): *Geophila exigua*.
fangdingii H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 40 (1990), contrary to Art. 37.4 ICBN (1988)—China.
filibracteolata H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 52 (1990), contrary to Art. 37.4 ICBN (1988)—China.
grandibracteolata How ex H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 43 (1990)—China.
hunanica H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 24 (1990)—China.
laevifolia H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 80 (1990)—Xizang.
laoshanica H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 65 (1990)—China.
liangkawangensis H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 39 (1990)—China.
longicornis H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 57 (1990), contrary to Art. 37.4 ICBN (1988)—China.
longiflora How ex H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 70 (1990)—China.
longipes H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 49 (1990)—China.
longzhouensis H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 79 (1990)—China.
luchuanensis H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 74 (1990)—China.
macrantha H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 28 (1990)—China.
macrodonta H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 25 (1990)—China.
nandanica H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 63 (1990)—China.
napoensis H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 48 (1990)—China.
nigricans H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 53 (1990)—China.
paniculiformis H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 78 (1990)—China.
petrophila H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 66 (1990)—China.
pingbienensis H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 20 (1990)—China.
purpurascens H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 39 (1990), contrary to Art. 37.4 ICBN (1988)—China.
purpureonervis H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 42 (1990)—China.
rarior H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 38 (1990), contrary to Art. 37.4 ICBN (1988)—China.
repandicalyx H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 79 (1990), contrary to Art. 37.4 ICBN (1988)—China.
rhodoneura H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 45 (1990)—China.
rufipilis H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 17 (1990)—China.
rufopunctata H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 15 (1990)—China.
salicifolia H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 50 (1990)—China.
wenshanensis H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 17 (1990)—China.
wui H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(2): 33 (1990)—China.

OPHRYS (Orchidac.).

- aegaea* M. Kaltefleiter & H.R. Reinhard in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 19(4): 918 (1987)—Karpatothos.
 subsp. *lucis* M. Kaltefleiter & H.R. Reinhard in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 19(4): 922 (1987)—Rhodes.
 ×*aetolica* H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 507 (1986)—Greece. (*O. mammosa* × *oestriifera*).
 ×*agustinii* C.A.J. Kreutz in *Ber. Arbeitskr. Heim. Orch.*, 7(1): 38 (1990)—Spain. (*O. catalaunica* × *sphegodes*).
 ×*alberobellensis* H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 496 (1986)—Italy. (*O. incubacea* × *tarentina*).

OPHRYS :-

- ×alibertiana C. & A. Alibertis in *Orchidophile*, 86: 83 (1989)—Crete. (O. spruneri × tenthredinifera).
- ×angelensis H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 493 (1986)—Italy. (O. incubacea × promontorii).
- ×antiochiana H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 527 (1986)—Turkey. (O. straussii × transhyrcana).
- ×apicula
nothosubsp. fabrei (Bernard) H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 416 (1986): O. × fabrei.
- apifera
var. fulvofusca M.P. Grasso & A. Scrugli in *Orchidee*, 38(1): 47 (1987)—Sardinia.
- ×apolloniensis H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 475 (1986)—Greece. (O. hebes × oestrifera).
- ×aquilana H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 483 (1986)—Italy. (O. holoserica × promontorii).
- archipelagi P. Gözl & H.R. Reinhard in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(4): 731 (1986)—Jugoslavia, Italy.
- ×asterusica C. & A. Alibertis in *Orchidophile*, 86: 81 (1989)—Crete. (O. fleischmannii × omegaifera).
- aveyronensis (F.J. Wood) H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 329 (1986): O. sphegodes subsp. aveyronensis.
- aymoninii (Breistr.) K.P. Buttler in *Willdenowia*, 16(1): 115 (1986): O. insectifera subsp. aymonii.
- ×azurea H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 516 (1986)—Italy. (O. promontorii × pseudobertolonii).
- balearica P. Delforge in *Mém. Soc. Roy. Bot. Belg.*, 11: 15 (1989 publ. 1990)—Balearic Is.
- basilissa Alibertis & H.R. Reinhard in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 22(1): 201 (1990)—Crete.
- ×baumanniana
nothosubsp. hierapetrae H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 454 (1986)—Crete. (O. doerfleri × sphegodes subsp. cretensis).
- ×bernardii H. Van Looken in *Orchidophile*, 75: 1211 (1987)—France. (O. aveyronensis × scolopax subsp. scolopax).
- bertolonii
var. bertoloniiiformis M. Balayer in *Bull. Soc. Bot. France, Lett. Bot.*, 133(3): 281 (1986)—France.
var. ferrequinoides M. Balayer in *Bull. Soc. Bot. France, Lett. Bot.*, 133(3): 281 (1986)—France.
- ×biancoae P. Medagli, S. d'Emérico & L. Ruggiero in *Orchidophile*, 85: 30 (1989), contrary to Art. H.5.2 ICBN 1988—Italy. (O. garganica × sphegodes subsp. sphegodes).
- bucephala P. Gözl & H.R. Reinhard in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 21(1): 13 (1989)—East Aegean Is.
- ×burneriana C. & A. Alibertis in *Orchidophile*, 86: 83 (1989)—Crete. (O. cretensis × spruneri).
- ×calabrica H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 523 (1986)—Italy. (O. sphegodes × tarentina).
- ×calenae (O. & E. Danesch) H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 513 (1986): O. × philippeii nm. calenae.
- ×camarinana H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 490 (1986)—Sicily. (O. incubacea × lunulata).
- candica
subsp. minoa C. & A. Alibertis in *Orchidophile*, 87: 111 (1989)—Crete.
- ×carica H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 458 (1986)—Turkey. (O. ferrum-equinum × holoserica).
- ×cesinensis P. Medagli, S. d'Emérico & L. Ruggiero in *Orchidophile*, 85: 30 (1989), contrary to Art. H.5.2 ICBN 1988—Italy. (O. fusca × lutea subsp. melena).
- chestermanii (F.J. Wood) P. Gözl & H.R. Reinhard in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 20(1): 115 (1988): O. holoserica subsp. chestermanii.

OPHRYS :-

- ×chimaera W. Rossi & M. Contorni in *Webbia*, 44(2): 324 (1990)—Italy. (O. bertolonii × fusca).
- ×clapensis M. Balayer de Minden in *Bull. Soc. Bot. France, Lett. Bot.*, 136(2): 158 (1989)—France. (O. bombyliflora × lutea).
- ×cosana H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 438 (1986)—Italy. (O. bombyliflora × incubacea).
- ×cosentiana H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 406 (1986)—Italy. (O. apulica × holoserica).
- nothosubsp. nociana H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 407 (1986)—Italy. (O. apulica × holoserica subsp. parvimaclata).
- ×costei H. Van Looken in *Orchidophile*, 86: 84 (1989)—France. (O. aveyronensis × sphegodes).
- cretensis (Baumann & Künkele) H.F. Paulus in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 20(4): 855 (1988): O. sphegodes subsp. cretensis.
- ×creutzburgii H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 467 (1986)—Rhodes. (O. fusca × omegaifera).
- ×daunia H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 436 (1986)—Italy. (O. bombyliflora × garganica).
- ×dodonica B. & E. Willing in *Orchidophile*, 72: 1100 (1986)—Greece. (O. helenae × oestrifera).
- ×domus-maria M.P. Grasso in *Orchidee*, 40(3): 102 (1989)—Sardinia. (O. apifera × arachnitiformis).
- ×duvigneaudiana P. & C. Delforge in *Orchidophile*, 78: 1364 (1987)—France. (O. araneola × scolopax).
- ×eliasii
nothosubsp. conimbricensis (O. & E. Danesch) H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 471 (1986): O. × eliasii nm. conimbricensis.
- exaltata
subsp. archipelagi (Goetz & Rheinhard) C. Del Prete in *C. Del Prete & G. Tosi, Orchidee Spontanee d'Italia*: 37 (1988): O. archipelagi.
subsp. tyrrhena (Goetz & Reinh.) C. Del Prete in *C. Del Prete & G. Tosi, Orchidee Spontanee d'Italia*: 36 (1988): O. tyrrhena.
- explanata (Lojacono) P. Delforge in *Mém. Soc. Roy. Bot. Belg.*, 11: 18 (1989 publ. 1990): O. bertolonii var. explanata.
- ×ferruginea W. Rossi & A. Liuti in *Webbia*, 44(2): 326 (1990)—Italy. (O. fusca × holoserica).
- ×ficuzzana H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 468 (1986)—Sicily. (O. fusca × pallida).
- ×fortosica B. & E. Willing in *Orchidophile*, 72: 1102 (1986)—Greece. (O. ferrum-equinum × helenae).
- ×francinae P. Bianco, P. Medagli, S. D'Emérico & L. Ruggiero in *Webbia*, 42(2): 168 (1988)—Italy. (O. apulica × incubacea).
- fusciflora
var. apiforoides M. Balayer in *Bull. Soc. Bot. France, Lett. Bot.*, 133(3): 282 (1986)—France.
var. carmeloides M. Balayer in *Bull. Soc. Bot. France, Lett. Bot.*, 133(3): 282 (1986)—France.
subsp. chestermanii (F.J. Wood) H. Blatt & W. Wirth in *Ber. Arbeitskr. Heim. Orch.*, 7(1): 7 (1990): O. holoserica subsp. chestermanii.
subsp. heterochila (Renz & Taubenheim) H. Blatt & W. Wirth in *Ber. Arbeitskr. Heim. Orch.*, 7(1): 7 (1990): O. holoserica subsp. heterochila.
- fusca
var. maculata M. Balayer in *Bull. Soc. Bot. France, Lett. Bot.*, 133(3): 281 (1986)—France.
subsp. minima M. Balayer in *Bull. Soc. Bot. France, Lett. Bot.*, 133(3): 281 (1986)—France.
var. rubescens M. Balayer in *Bull. Soc. Bot. France, Lett. Bot.*, 133(3): 281 (1986)—France.
- ×gauthieri
nothosubsp. fenarolii (Ferlan) H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 465 (1986): O. × fenarolii.
- ×gelana H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 492 (1986)—Sicily. (O. incubacea × oxyrrhynchos).
- gortynia (Baumann & Künkele) H.F. Paulus in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 20(4): 855 (1988): O. sphegodes subsp. gortynia.

OPHRYS :-

- gracilis (Büel & Danesch) P. Englmaier in *Abh. Zool.-Bot. Ges. Osterr.*, 22: 140 (1984): O. fuciflora subsp. gracilis.
- holoserica
subsp. apulica (O. Danesch & E. Danesch) K.P. Buttler in *Willdenowia*, 16(1): 115 (1986): O. fuciflora subsp. apulica.
nothosubsp. haliarnassia H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 478 (1986)—Turkey. (O. holoserica subsp. heterochila × subsp. holoserica).
- ×ioanninensis B. & E. Willing in *Orchidophile*, 72: 1100 (1986)—Greece. (O. helenae × mammosa).
- israelitica H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 20(3): 612 (1988)—Israel.
- ×japygia R. Lorenz & C. Gemhardt in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 19(3): 515 (1987)—Italy. (O. garganica × sipontensis).
- ×kastelli
nothosubsp. antiskariensis C. & A. Alibertis in *Orchidophile*, 86: 79 (1989)—Crete. (O. bombyliflora × cretica subsp. cretica).
- ×kattaviensis A. Riechelmann & M. Schöbinger in *Ber. Arbeitskr. Heim. Orch.*, 7(1): 10 (1990), contrary to Art. H.5.2 ICBN (1988)—Rhodes. (O. holoserica subsp. maxima × oestrifera subsp. oestrifera).
- ×kozanica B. & E. Willing in *Orchidophile*, 72: 1098 (1986)—Greece. (O. mammosa × reinholdii).
- ×laconica H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 426 (1986)—Greece. (O. attica × tenthredinifera).
- lapethica P. Gözl & H.R. Reinhard in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 21(4): 1052 (1989)—Cyprus.
- lesbis P. Gözl & H.R. Reinhard in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 21(1): 19 (1989)—East Aegean Is.
- ×ligariana H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 457 (1986)—Greece. (O. ferrum-equinum × helenae).
- ×lithinensis C. & A. Alibertis in *Orchidophile*, 86: 81 (1989)—Crete. (O. omegaifera × sitiaca).
- ×littoralis J. & M. Baláz in *Orchidee*, 40(3): 108 (1989)—Jugoslavia. (O. bertolonii × oestrifera subsp. oestrifera).
- lutea
var. minor (Tod.) C. Raynaud, *Orchid. Maroc*: 16 (1985): Arachnites minor.
- ×lydia H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 511 (1986)—Turkey. (O. mammosa × vernixia).
- nothosubsp. magnesa H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 512 (1986)—Greece. (O. mammosa × vernixia subsp. vernixia).
- ×macchiatii
nothosubsp. neokelleri (Soó) H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 525 (1986): O. × neokelleri.
- ×macrostachys
nothosubsp. liceana (Renz & Taubenheim) H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 443 (1986): O. × liceana.
nothosubsp. palaestina H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 444 (1986)—Israel. (O. bornmuelleri subsp. bornmuelleri × umblicata subsp. umblicata).
- mammosa
subsp. transhyrcana (Čermjak.) K.P. Buttler in *Willdenowia*, 16(1): 115 (1986): O. transhyrcana.
subsp. transhyrcana (Čermjakowska) H.F. Paulus & C. Gack in *Jahresber. Naturwiss. Ver. Wuppertal*, 39: 68 (1986), without basionym page: O. transhyrcana.
- ×manacorensis H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 410 (1986)—Italy. (O. arachnitiformis × garganica).
- ×maremmae
nothosubsp. loutanensis H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 18(3): 487 (1986)—Rhodes. (O. holoserica subsp. heterochila × tenthredinifera subsp. villosa).

OPHRYS :-

- nothosubsp. normanii* (J.F. Wood) H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 486 (1986): O. × normanii.
- × *marmarensis* H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 489 (1986)—Rhodes. (O. holosericea × umbilicata).
- maxima* (Fleischmann) H.F. Paulus & C. Gack in Jahresber. Naturwiss. Ver. Wuppertal, 39: 79 (1986): O. fuciflora var. maxima.
- × *messeniensis* H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 514 (1986)—Greece. (O. oestrifera × tenthredinifera).
- nothosubsp. baseliceii* R. Lorenz & C. Gemhardt in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 19(3): 516 (1987)—Italy. (O. oestrifera subsp. oestrifera × tenthredinifera subsp. tenthredinifera).
- × *methonensis* H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 422 (1986)—Greece. (O. argolica × tenthredinifera).
- minor*
- subsp. galilaea* (Fleischm. & Bornm.) H.F. Paulus & C. Gack in Jahresber. Naturwiss. Ver. Wuppertal, 39: 66 (1986): O. galilaea.
- minutula* P. Götz & H.R. Reinhard in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 21(4): 1055 (1989)—East Aegean Is.
- × *monopolitana* H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 430 (1986)—Italy. (O. bertolonii × tarentina).
- × *montana* H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 474 (1986)—Greece. (O. hebes × mammosa).
- × *montserratensis*
- nothosubsp. neoruppertii* (A. Camus) H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 518 (1986): O. × neoruppertii.
- × *moreana* H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 420 (1986)—Greece. (O. argolica × ferrum-equinum).
- × *mulierum* H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 508 (1986)—Greece. (O. mammosa × reinholdii).
- × *necropolitana* H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 452 (1986)—Sicily. (O. discors × oxyrrhynchos).
- nervosa* C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14: 814 (1784)—Japan. †
- × *nicosiana* H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 463 (1986)—Cyprus. (O. flavomarginata × kotschyii).
- oestrifera*
- subsp. abchasica* H. Kämpel in Ber. Arbeitskr. Heim. Orch., 5(1-2): 25 (1988)—U.S.S.R. (Caucasus).
- × *olympica* H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 477 (1986)—Greece. (O. helenae × mammosa).
- × *pano-lefkaron* M. Bourdon in Orchidophile, 71: 1056 (1986)—Cyprus, Rhodes. (O. iricolor × mammosa).
- × *paphosiana* H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 500 (1986)—Cyprus. (O. kotschyii × umbilicata).
- × *parenzani* P. Medagli, S. d'Emérico & L. Ruggiero in Orchidophile, 85: 29 (1989)—Italy. (O. fusca × tarentina).
- × *pauliana* C. & A. Alibertis in Orchidophile, 86: 81 (1989)—Crete. (O. fleischmannii × sitiaca).
- × *personei*
- nothosubsp. bourlieri* (Maire) H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 505 (1986): O. × bourlieri.
- × *placotica* B. & E. Willing in Orchidophile, 72: 1102 (1986)—Greece. (O. attica × spruneri).
- × *plorae* C. & A. Alibertis in Orchidophile, 86: 81 (1989), contrary to Art. H.5.2 ICBN (1988)—Crete. (O. cretica subsp. karpathensis × spruneri).
- provincialis* (Baumann & Künkele) H.F. Paulus in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 20(4): 855 (1988): O. sphegodes subsp. provincialis.

OPHRYS :-

- pseudobertolonii*
- subsp. bertolonii* (O. & E. Danesch) H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 367 (1986): O. bertoloniiiformis.
- subsp. catalaunica* (O. & E. Danesch) H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 368 (1986): O. catalaunica.
- × *pugliana* H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 481 (1986)—Italy. (O. holosericea × oxyrrhynchos).
- × *rasettii* W. Rossi & F. Minutillo in Webbia, 43(2): 351 (1989)—Italy. (O. lacaitae × sphegodes).
- reinholdii*
- f. albovirescens* B. & E. Willing in Orchidophile, 72: 1099 (1986)—Greece.
- × *russonensis* H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 425 (1986)—Greece. (O. attica × mammosa).
- × *saratoi*
- nothosubsp. gelmii* (Murr) H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 519 (1986): O. × gelmii.
- × *scalana* H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 462 (1986)—Greece. (O. ferrum-equinum × vernixia).
- × *sicana* H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 502 (1986)—Sicily. (O. lunulata × oxyrrhynchos).
- × *sieberi* H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 453 (1986)—Crete. (O. doerfleri × mammosa).
- sipontensis* R. Lorenz & C. Gemhardt in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 19(3): 472 (1987)—Italy.
- sitiaca* H.F. Paulus, C. Alibertis & A. Alibertis in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 20(4): 839 (1988)—Crete.
- × *sivana* H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 446 (1986)—Crete. (O. candica × holosericea).
- × *sommieri*
- nothosubsp. chivotii* D. Tyteca in Orchidophile, 75: 1219 (1987)—Portugal. (O. bombyliflora × tenthredinifera subsp. praecox).
- sphegodes*
- subsp. cretensis* H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 375 (1986)—Crete.
- var. garganicoides* M. Balayer in Bull. Soc. Bot. France, Lett. Bot., 133(3): 282 (1986)—France
- subsp. gortynia* H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 377 (1986)—Crete.
- subsp. integra* (Moggr. & Rchb. f.) H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 380 (1986): O. insectifera subsp. integra.
- subsp. montenegrina* H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 20(3): 623 (1988)—Jugoslavia.
- subsp. provincialis* H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 20(3): 617 (1988)—France.
- var. subaesculapiana* M. Balayer in Bull. Soc. Bot. France, Lett. Bot., 133(3): 282 (1986)—France.
- var. subspruneriana* M. Balayer in Bull. Soc. Bot. France, Lett. Bot., 282 (1986)—France.
- var. subtommasiniana* M. Balayer in Bull. Soc. Bot. France, Lett. Bot., 133(3): 282 (1986)—France.
- tenthredinifera*
- f. lutescens* (Batt.) C. Raynaud, Orchid. Maroc: 26 (1985): O. tenthredinifera var. lutescens.
- subsp. villosa* (Desf.) H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 384 (1986): O. villosa.
- × *terrae-laboris* W. Rossi & F. Minutillo in Webbia, 43(2): 352 (1989)—Italy. (O. promontorii × sphegodes).
- tetraloniae* W. Teschner in Orchidee, 38(5): 223 (1987)—Jugoslavia.
- × *trullana* H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 472 (1986)—Italy. (O. garganica × tarentina).

OPHRYS :-

- × *turrica* R. Lorenz & C. Gemhardt in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 19(3): 514 (1987)—Italy. (O. apulica × oestrifera).
- × *tuscanica* H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 450 (1986)—Italy. (O. crabronifera × tenthredinifera).
- umbilicata*
- subsp. rhodia* H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 388 (1986)—Rhodes.
- × *vallis-costae* H. Kämpel in Ber. Arbeitskr. Heim. Orch., 5(1-2): 27 (1988)—U.S.S.R. (Caucasus). (O. apifera × oestrifera subsp. abchasica).
- × *venusiana* H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 528 (1986)—Italy. (O. tarentina × tenthredinifera).
- vernixia*
- nothosubsp. buttlerei* H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 530 (1986)—Turkey. (O. vernixia subsp. regis-ferdinandii × subsp. vernixia).
- subsp. ciliata* (Biv.) M. Kerguelen in Lejeunia, 120: 135 (1987): O. ciliata.
- nothosubsp. innominata* (D. & B. Tyteca) P. Bouillie in Blancoana, 7: 124 (1989): Basionym not stated.
- subsp. lusitanica* (O. & E. Danesch) H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 391 (1986): O. speculum subsp. lusitanica.
- × *vittoriana* H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 428 (1986)—Sicily. (O. bertolonii × lunulata).
- × *vogatsica* B. & E. Willing in Orchidophile, 72: 1100 (1986)—Greece. (O. reinholdii × sphegodes).
- × *warwarensis* H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 445 (1986)—Crete. (O. candica × heldreichii).
- × *willingiorum* H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg, 18(3): 501 (1986)—Cyprus. (O. levantina × umbilicata).

OPITHANDRA (Gesneriac.).

- sect. Briggsioides* W.T. Wang in Bull. Bot. Res. North-East. Forest. Inst., 7(2): 10 (1987).
- sect. Microstigma* W.T. Wang in Bull. Bot. Res. North-East. Forest. Inst., 7(2): 9 (1987).
- sect. Stenosisiphon* W.T. Wang in Bull. Bot. Res. North-East. Forest. Inst., 7(2): 9 (1987).
- dinghushanensis* W.T. Wang in Bull. Bot. Res. North-East. Forest. Inst., 7(2): 10 (1987)—China.

OPIZIA (Gramin.).

- bracteata* R. McVaugh, Fl. Novo-Galiciana, 14: 269 (1983)—Mexico.

OPLISMENUS (Gramin.).

- burmannii*
- var. nudicaulis* (Vasey) R. McVaugh, Fl. Novo-Galiciana, 14: 274 (1983): O. humboldtianus var. nudicaulis.
- compositus*
- subsp. patens* (Honda) T. Koyama, Grasses of Japan & Neighbour. Regions: 519 (1987): O. patens.
- undulatifolius* (Ard.) Roemer & Schultes, Syst. Veg., 2: 482 (1817): Panicum undulatifolium.

OPUNTIA (Cactac.).

- aggeria* B.E. Ralston & R.A. Hilsenbeck in Madroño, 36(4): 226 (1989 publ. 1990)—U.S.A. (Texas).
- ambigua* Link ex Tenore in Atti 7 Adun. Sci. Ital.: 884 (1846); cf. D.J. Mabberley in Taxon, 30(1): 16 (1981)—Locality not stated.
- articulata* (Pfeiffer) D. Hunt in Bradleya, 5: 93 (1987): Cereus articulatus.
- aureispina* (Brack & Heil) D.J. Pinkava & B.D. Parfitt in Sida, 13(2): 128 (1988), without exact basionym page: O. macrocentra var. aureispina.
- bakeri* J.E. Madsen in Fl. Ecuador, 35(45): 47 (1989)—Ecuador.
- basilaris*
- var. heilii* S.L. Welsh & E. Neese in Great Basin Nat., 43(4): 700 (1983)—U.S.A. (Utah).
- berteri* (Colla) A.E. Hoffmann J., Cactaceas en la flora silvestre de Chile: 244 (1989): Cactus berteri.

OPUNTIA :-

- chisosensis (Anthony) D.J. Ferguson in *Cact. Succ. J. (U.S.A.)*, 58(3): 124 (1986); *O. lindheimeri* var. *chisosensis*.
 chlorotica
 var. *gosseliniana* (Weber) D.J. Ferguson in *Cact. Succ. J. (U.S.A.)*, 60(4): 159 (1988); *O. gosseliniana*.
 conoidea (Back.) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 246 (1989), basionym invalid: *Tephrocactus conoideus*.
 echinacea (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 248 (1989); *Tephrocactus echinaceus*.
 engelmannii
 var. *flavispina* (L. Benson) B.D. Parfitt & D.J. Pinkava in *Madroño*, 35(4): 348 (1988 publ. 1989); *O. phaeacantha* var. *flavispina*.
 var. *flexospina* (Griffiths) B.D. Parfitt & D.J. Pinkava in *Madroño*, 35(4): 348 (1988 publ. 1989); *O. flexospina*.
 var. *lindheimeri* (Engelm.) B.D. Parfitt & D.J. Pinkava in *Madroño*, 35(4): 346 (1988 publ. 1989); *O. lindheimeri*.
 var. *linguiformis* (Griffiths) B.D. Parfitt & D.J. Pinkava in *Madroño*, 35(4): 347 (1988 publ. 1989); *O. linguiformis*.
 erinacea
 var. *aurea* (Baxter) S.L. Welsh in *Great Basin Nat.*, 46(2): 255 (1986); *O. aurea*.
 estevesii P.J. Braun in *Cact. Succ. J. (U.S.A.)*, 62(4): 165 (1990)—Brazil.
 inamoena
 f. *spinigera* (Ritter) P.J. Braun & E. Esteves Pereira in *Cact. Succ. J. (U.S.A.)*, 61(6): 272 (1989); *Platyopuntia inamoena* f. *spinigera*.
 lindheimeri
 var. *subarmata* (Griff.) J.L. Elizondo & J.A. Wehbe in *Cact. Succ. Mex.*, 31(4): 100 (1986), without basionym ref. & basionym not stated; *et in Cact. Succ. Mex.*, 32(1): 17 (1987); *O. subarmata*.
 macrocentra
 var. *aureispina* S. Brack & K.D. Heil in *Cact. Succ. J. (U.S.A.)*, 60(1): 17 (1988)—U.S.A. (Texas).
 rzedowskii L. Scheinvar in *An. Inst. Biol. Univ. Nac. Autón. Méx., Bot.*, 47-53: 123 (1976-82 publ. 1984)—Mexico.
 tunicata
 var. *chilensis* (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 242 (1989); *Cylindropuntia tunicata* var. *chilensis*.
 virens Tenore in *Atti 7 Adun. Sci. Ital.*: 886 (1846); cf. D.J. Mabberley in *Taxon*, 30(1): 16 (1981)—Locality not stated.

ORBEXILUM (Legumin.).

- lupinellum* (Michx.) D. Isely in *Sida*, 11(4): 432 (1986); *Psoralea lupinella*.
 pedunculatum
 var. *eglandulosum* (Elliott) D. Isely in *Sida*, 11(4): 432 (1986); *Psoralea eglandulosa*.

XORCHIDACTYLA (Orchidac.).

- aquitaniensis* (G. Keller & Jeanjean) L.V. Aver'yanov in *Bot. Zhurn.*, 71(1): 93 (1986); *Orchis* × *aquitaniensis*.
castellanensis M. Balayer in *Bull. Soc. Bot. France, Lett. Bot.*, 133(3): 283 (1986)—France. (*Dactylorhiza sambucina* var. *laurentina* × *Orchis mascula*).
kabyliensis (G. Keller) L.V. Aver'yanov in *Bot. Zhurn.*, 71(1): 93 (1986); *Orchis kabyliensis*.
labbei C. Bernard in *Orchidophile*, 83: 155 (1988)—France. (*Dactylorhiza maculata* × *Orchis ustulata*).
lamarquei (G. Keller & Jeanjean) L.V. Aver'yanov in *Bot. Zhurn.*, 71(1): 93 (1986); *Orchis lamarquei*.
 leguei
 subsp. *uechtritziana* (Hausskn.) Potůček & F. Procházka in *Jahresber. Naturwiss. Ver. Wuppertal*, 25: 58 (1972); *Orchis uechtritziana*.
masteineri (Ciferri & Giacomini) L.V. Aver'yanov in *Bot. Zhurn.*, 71(1): 93 (1986); *Orchis masteineri*.
romanallens (Ciferri & Giacomini) L.V. Aver'yanov in *Bot. Zhurn.*, 71(1): 93 (1986); *Orchis* × *romanallens*.

ORCHIS (Orchidac.).

- × *aurunca* W. Rossi & F. Minutillo in *Atti Accad. Naz. Lincei, Rend. Sci. Fis. Mat. Nat.*, 78(5): 1 (1985)—Italy. (*O. pauciflora* × *provincialis*).
 × *bassoulsii* M. Balayer in *Bull. Soc. Bot. France, Lett. Bot.*, 133(3): 282 (1986)—France. (*O. militaris* × *papilionacea*).
 boryi
 var. *alba* C. & A. Alibertis in *Orchidophile*, 87: 112 (1989)—Crete.
 champagneuxii
 var. *mesomelana* (Reichenb. f.) D. Tyteca in *Orchidophile*, 70: 997 (1986); *O. morio* var. *mesomelana*.
 coriophora
 var. *subsancta* M. Balayer in *Bull. Soc. Bot. France, Lett. Bot.*, 133(3): 281 (1986)—France.
falcata C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 811 (1784)—Japan.†
 × *hermaniana* C. & A. Alibertis in *Orchidophile*, 87: 108 (1989)—Crete. (*O. anatolica* × *tridentata*).
japonica C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 811 (1784)—Japan.†
kuanshanensis S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 1: 495 (1985)—Taiwan.
 × *lauzensis* M. Balayer in *Bull. Soc. Bot. France, Lett. Bot.*, 133(3): 283 (1986)—France. (*O. morio* × *provincialis*).
 × *mackaensis* C.A.J. Kreutz in *Orchideeën*, 51(3): 72 (1989)—Turkey. (*O. simia* × *stevanii*).
 mascula
 var. *bicolor* M. Balayer in *Bull. Soc. Bot. France, Lett. Bot.*, 133(3): 281 (1986)—France.
 subsp. *longibracteoides* M. Balayer in *Bull. Soc. Bot. France, Lett. Bot.*, 133(3): 281 (1986)—France.
 × *menosii* C. Bernard & G. Fabre in *Orchidophile*, 78: 1345 (1987)—France. (*O. coriophora* subsp. *fragrans* × *papilionacea*).
 morio
 subsp. *albatica* (Gözl & Reinh.) K.P. Butler in *Willdenowia*, 16(1): 116 (1986); *O. albatica*.
 olbiensis
 subsp. *ichnusae* (Corrias) K.P. Butler in *Willdenowia*, 16(1): 116 (1986); *O. mascula* subsp. *ichnusae*.
 papilionacea
 subsp. *expansa* (Tenore) C. Raynaud, *Orchid. Maroc*: 43 (1985); *O. expansa*.
 subsp. *grandiflora* (Boiss.) H. Baumann in *Jahresber. Naturwiss. Ver. Wuppertal*, 39: 94 (1986); *O. papilionacea* var. *grandiflora*.
 subsp. *heroica* (E.D. Clarke) H. Baumann in *Jahresber. Naturwiss. Ver. Wuppertal*, 39: 95 (1986); *O. heroica*.
 × *parviflora*
 subsp. *timbalii* (Velenovský) Potůček & F. Procházka in *Jahresber. Naturwiss. Ver. Wuppertal*, 25: 58 (1972); *O. timbalii*.
 × *penzigiana*
 nothosubsp. *sardoa* A. Scrugli & M.P. Grasso in *Webbia*, 42(2): 192 (1988)—Sardinia. (*O. mascula* subsp. *ichnusae* × *provincialis*).
pugeensis K.Y. Lang in *Acta Phytotax. Sin.*, 25(5): 403 (1987)—China.
 quadripunctata
 var. *albiflora* C. & A. Alibertis in *Orchidophile*, 87: 112 (1989)—Crete.
 saccata
 f. *flavescens* (Soó) C. Raynaud, *Orchid. Maroc*: 41 (1985); *O. saccata* lus. *flavescens*.
 × *salkowskiana* C. & A. Alibertis in *Orchidophile*, 87: 108 (1989), contrary to Art. H.5.2 ICBN (1988)—Crete. (*O. anatolica* subsp. *sitiaca* × *collina*).
 × *sarcidani* A. Scrugli & M.P. Grasso in *Webbia*, 40(2): 290 (1986)—Sardinia. (*O. laxiflora* × *longicornu*).
sichuanica K.Y. Lang in *Acta Phytotax. Sin.*, 25(5): 401 (1987)—China.
 × *suckowii* H. Kämpel in *Feddes Repert.*, 99(3-4): 94 (1988)—U.S.S.R. (Caucasus). (*O. maxima* × *punctulata*).
taitungensis S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 1: 497 (1985)—Taiwan.
 var. *alboflorens* S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 1: 498 (1985), as 'albo-florens'—Taiwan.

ORCHIS :-

- ustulata*
 var. *aestivalis* H. Kämpel in *Hausknechtia, Mitt. Thüring. Bot. Ges.*, 4: 23 (1988)—Germany.
 × **ORCHISERAPIAS** (Orchidac.).
nelsoniana P. Bianco, S. D'Emérico, P. Medagli & L. Ruggiero in *Webbia*, 44(2): 319 (1990)—Italy. (*Orchis collina* × *Serapias parviflora*).
rousii (Dupuy) H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 21(3): 840 (1989); *Serapias* × *rousii*.
timbalii (K. Richt.) H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 21(3): 839 (1989); *Serapias* × *timbalii*.
OREOBOLOPSIS T. Koyama & E.R. Guaglianone in *Darwiniana*, 28(1-4): 79 (1987 publ. 1988).
CYPERACEAE.
tepallifera T. Koyama & E.R. Guaglianone in *Darwiniana*, 28(1-4): 80 (1987 publ. 1988)—Bolivia.
OREOBOLUS (Cyperac.).
cleefii L.E. Mora-Osejo, *Estud. Morfol. Autoecol. Sist. Angiosperm. (Acad. Colomb. Cienc., Ser. J.A. Lleras, 1)*: 165 (1987)—Colombia, Ecuador.
 goeppingeri
 var. *sumapacii* L.E. Mora-Osejo, *Estud. Morfol. Autoecol. Sist. Angiosperm. (Acad. Colomb. Cienc., Ser. J.A. Lleras, 1)*: 180 (1987)—Colombia.
 var. *tuquerrensii* L.E. Mora-Osejo, *Estud. Morfol. Autoecol. Sist. Angiosperm. (Acad. Colomb. Cienc., Ser. J.A. Lleras, 1)*: 181 (1987)—Colombia.
 obtusangulus
 subsp. *unispicus* O. Seberg in *Bot. J. Linn. Soc.*, 96(2): 163 (1988)—Ecuador, Colombia.
 oxycarpus
 subsp. *brownii* O. Seberg in *Bot. J. Linn. Soc.*, 96(2): 178 (1988)—Tasmania.
 pumilio
 subsp. *clemensiae* (G. Kükenthal) O. Seberg in *Bot. J. Linn. Soc.*, 96(2): 170 (1988); *O. clemensiae*.
OREOCALAMUS (Gramin.).
armata (Gamble) T.H. Wen in *J. Bamboo Res.*, 5(2): 22 (1986); *Arundinaria armata*.
OREOCEREUS (Cactac.).
australis (Ritter) A.E. Hoffmann J., *Cactaceas en la flora silvestre de Chile*: 80 (1989); *Arequipa australis*.
hempelianus (Guerke) D. Hunt in *Bradleya*, 5: 93 (1987); *Echinopsis hempelianus*.
OREOCHARIS (Gesneriac.).
 sect. *Orthoanthera* K.Y. Pan in *Acta Phytotax. Sin.*, 25(4): 281 (1987).
 sect. *Platyanthera* K.Y. Pan in *Acta Phytotax. Sin.*, 25(4): 289 (1987).
argyreia Chun ex K.Y. Pan in Acta Phytotax. Sin., 25(4): 283 (1987)—China.
 var. *angustifolia* K.Y. Pan in *Acta Phytotax. Sin.*, 25(4): 285 (1987)—China.
auricula
 var. *denticulata* K.Y. Pan in *Acta Phytotax. Sin.*, 25(4): 276 (1987)—China.
dasyantha
 var. *ferruginosa* K.Y. Pan in *Acta Phytotax. Sin.*, 25(4): 283 (1987)—Hainan.
 elliptica
 var. *parvifolia* W.T. Wang & K.Y. Pan in *Acta Phytotax. Sin.*, 25(4): 282 (1987)—China.
magnidens Chun ex K.Y. Pan in Acta Phytotax. Sin., 25(4): 276 (1987)—China.
rotundifolia K.Y. Pan in *Acta Phytotax. Sin.*, 25(4): 280 (1987)—China.
tubiflora K.Y. Pan in *Acta Phytotax. Sin.*, 25(4): 287 (1987)—China.
xiangguensis W.T. Wang & K.Y. Pan in *Acta Phytotax. Sin.*, 25(4): 285 (1987)—China.
OREOCNIDE (Urticac.).
 integrifolia
 var. *sylvatica* (Hassk.) V. Chithra in *A.N. Henry, G.R. Kumari & V. Chithra, Fl. Tamil Nadu, India, Ser. 1*, 2: 246 (1987); *Boehmeria sylvatica*.

- OREOGEUM** (Ser.) E.I. Golubkova in Bot. Zhurn., 72(6): 772 (1987): Geum sect. Oreogeum (Rosac.). bulgaricum (Panč.) E.I. Golubkova in Bot. Zhurn., 72(6): 774 (1987): Geum bulgaricum. montanum (L.) E.I. Golubkova in Bot. Zhurn., 72(6): 774 (1987): Geum montanum.
- OREOPANAX** (Araliac.). compactus M.J. & J.F.M. Cannon in Bull. Brit. Mus. (Nat. Hist.), Bot., 19: 27 (1989)—Costa Rica, Panama. nicaraguensis M.J. Cannon & J.F.M. Cannon in Ann. Missouri Bot. Gard., 73(2): 482 (1986)—Nicaragua, Costa Rica, Panama. spathulatus M.J. & J.F.M. Cannon in Bull. Brit. Mus. (Nat. Hist.), Bot., 19: 29 (1989)—Panama. striatus M.J. & J.F.M. Cannon in Bull. Brit. Mus. (Nat. Hist.), Bot., 19: 27 (1989)—Panama, Costa Rica. superoerstedianus M.J. & J.F.M. Cannon in Bull. Brit. Mus. (Nat. Hist.), Bot., 19: 24 (1989)—Panama.
- OREORCHIS** (Orchidac.). patens var. gracillima (Hayata) S.S. Ying in Quart. J. Chinese Forest., 21(2): 116 (1988): O. gracilis var. gracillima.
- OREOSCHIMPERELLA** (Umbellif.). arabiae-felcisis (C.C. Townsend) C.C. Townsend in Kew Bull., 41(2): 456 (1986): Trachyspermum arabiae-felcisis. var. laevis C.C. Townsend in Kew Bull., 41(2): 456 (1986)—Saudi Arabia.
- OREOSEDUM** (Crassulac.). album var. micranthum (de Candolle) P. Heath in Sussex Cactus & Succ. Yearbook, 1987 (ed. P. Heath): 55 (1987): Sedum album var. micranthum. subsp. micranthum (DC.) M. Velayos in An. Jard. Bot. Madrid, 45(2): 584 (1988 publ. 1989): Sedum micranthum. hirsutum subsp. baeticum (Rouy) M. Velayos in An. Jard. Bot. Madrid, 45(2): 584 (1988 publ. 1989): Sedum hirsutum subsp. baeticum. pedicellatum subsp. lusitanicum (Mariz) M. Velayos in An. Jard. Bot. Madrid, 45(2): 584 (1988 publ. 1989): Sedum pedicellatum var. lusitanicum. villosum subsp. aristatum (Emberger & Maire) M. Velayos in An. Jard. Bot. Madrid, 45(2): 584 (1988 publ. 1989): Sedum villosum var. aristatum. subsp. glandulosum (Moris) M. Velayos in An. Jard. Bot. Madrid, 45(2): 584 (1988 publ. 1989): Sedum glandulosum. subsp. nevadense (Cosson) M. Velayos in An. Jard. Bot. Madrid, 45(2): 584 (1988 publ. 1989): Sedum nevadense.
- OREOTHAMNUS** M.G. Baumann-Bodenheim, Syst. Fl. Neu-Caledonien, 5: 76 (1989), without latin descr. or type. EPACRIDACEAE. amabilis (Brongn. & Gris) M.G. Baumann-Bodenheim, Syst. Fl. Neu-Caledonien, 5: 76 (1989), generic name not validly publ.: Dracophyllum amabile. cosmelioides (Panch. ex Oliver) M.G. Baumann-Bodenheim, Syst. Fl. Neu-Caledonien, 5: 76 (1989), generic name not validly publ.: Dracophyllum cosmelioides. ramosus (Panch. ex Brongn. & Gris) M.G. Baumann-Bodenheim, Syst. Fl. Neu-Caledonien, 4: 102 (1988 publ. Jan. 1989), without basionym ref.; et Syst. Fl. Neu-Caledonien, 5: 76, 97 (May 1989), with basionym ref., generic name not validly publ.: Dracophyllum ramosum.
- ORIGANUM** (Labiata). ×apalii nothosubsp. majoricum (Cambess.) C.C. Xifreda in Taxon, 39(3): 524 (1990): O. ×majoricum. compactum var. hirsutoides O. Socorro & M.C. Espinar in Lagasalia, 15(1): 6 (1988)—Morocco.
- ORIGANUM** :- petraeum A. Danin in Willdenowia, 19(2): 401 (1990)—Jordan. punonense A. Danin in Willdenowia, 19(2): 402 (1990)—Jordan.
- ORITROPHIUM** (Compos.). callacallense J. Cuatrecasas in Fontqueria, 8: 9 (1985)—Peru. marahuacense J. Steyermark & B. Maguire in Acta Bot. Venezuel., 14(3): 28 (1984)—Venezuela. ollgaardii J. Cuatrecasas in Fontqueria, 8: 11 (1985)—Ecuador.
- ORIXA** (Rutac.). racemosa Z.M. Tan in Bull. Bot. Res. North-East. Forest. Inst., 9(2): 44 (1989)—China. subcoriacea Z.M. Tan in Bull. Bot. Res. North-East. Forest. Inst., 9(2): 45 (1989)—China.
- ORMOCARPUM** (Legumin.). gillettii M. Thulin in Nordic J. Bot., 10(4): 433 (1990)—Somali Republic. rectangulare M. Thulin in Nordic J. Bot., 10(4): 435 (1990)—Somali Republic.
- ORMOSIA** (Legumin.). chevalieri C. Niyomdham in Fl. Cambodge, Laos & Vietnam, 23: 27 (1987)—Vietnam, Cambodia. laosensis C. Niyomdham in Fl. Cambodge, Laos & Vietnam, 23: 36 (1987)—Laos, Vietnam. poilanei C. Niyomdham in Fl. Cambodge, Laos & Vietnam, 23: 42 (1987)—Vietnam.
- ORNICHIA** J. Klackenberg in Bull. Mus. Nation. Hist. Nat., B, Adansonia, Ser. 4, 8(2): 196 (1986). GENTIANACEAE. lancifolia (Baker) J. Klackenberg in Bull. Mus. Nation. Hist. Nat., B, Adansonia, Ser. 4, 8(2): 198 (1986): Chironia lancifolia. madagascariensis (Baker) J. Klackenberg in Bull. Mus. Nation. Hist. Nat., B, Adansonia, Ser. 4, 8(2): 202 (1986): Chironia madagascariensis. subsp. pubescens (Baker) J. Klackenberg in Bull. Mus. Nation. Hist. Nat., B, Adansonia, Ser. 4, 8(2): 205 (1986): Chironia pubescens. trinervis (Desr.) J. Klackenberg in Bull. Mus. Nation. Hist. Nat., B, Adansonia, Ser. 4, 8(2): 200 (1986): Lisianthus trinervis.
- ORNITHOCEPHALUS** (Orchidac.). biloborostratus G.A. Salazar Chávez & R. González Tamayo in Orquídea (México), 12(1): 88 (1990)—Mexico. suarezii C.H. Dodson in Ic. Pl. Trop., Ser. 2, 6: t. 564 (1989)—Ecuador. vasquezii C.H. Dodson in Ic. Pl. Trop., Ser. 2, 3: t. 272 (1989)—Bolivia.
- ORNITHOGALUM** (Hyacinthac.). byzantinum Strangev. ex Ten., Cat. Ort. Bot. Nap.: 51 (1845); cf. D.J. Mabberley in Taxon, 32(1): 85 (1983)—Locality not stated. dalmaticum F. Speta in Phytol. (Austria), 30(1): 129 (1990), without clear indication of holotype—Jugoslavia. dictaeum T. Landström, Species of Ornithogalum L. subg. Ornithogalum (Hyacinthaceae) in Greece: 5 (1989), name not considered as valid by author—Crete. subsp. naxense T. Landström, Species of Ornithogalum L. subg. Ornithogalum (Hyacinthaceae) in Greece: 7 (1989), name not considered as valid by author—Greece. euxinum F. Speta in Candollea, 45(2): 448 (1990), nom. nov.: O. byzantinum Azn. var. proliferum F. Speta in Candollea, 45(2): 449, 456 (1990), as 'O. byzantinum var. proliferum'—Turkey. gorenflotii (Moret) F. Speta in Phytol. (Austria), 30(1): 151 (1990): O. kochii subsp. gorenflotii. hygrophilum O.M. Hilliard & B.L. Burt in Notes Roy. Bot. Gard. Edinburgh, 45(2): 195 (1988 publ. 1989)—South Africa (Cape Province). japonicum C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14: 328 (1784)—Japan.† joschtiae F. Speta in Phytol. (Austria), 29(1): 76 (1989)—Turkey.
- ORNITHOGALUM** :- kochii subsp. gorenflotii J. Moret in Bull. Mus. Nation. Hist. Nat., B, Adansonia, Ser. 4, 9(2): 191 (1987)—Morocco. neurostegium subsp. eigii (Feinbr.) N. Feinbrun-Dothan, Fl. Palaestina, 4: 55 (1986): O. eigii. ocellatum F. Speta in Bot. Jahrb., 112(1): 36 (1990)—U.S.S.R. (Caucasus). sorgerae H. Wittmann in Stapfia, 13: 80 (1985)—Turkey. spetae H. Wittmann in Stapfia, 13: 62 (1985)—Greece. televrinum F. Speta in Phytol. (Austria), 30(1): 133 (1990), without clear indication of holotype—Jugoslavia.
- ORNITHOPUS** (Legumin.). coronatus (L.) Hornem., Hort. Hafn.: 696 (1815); cf. D.J. Mabberley in Taxon, 33(3): 437 (1984): Coronilla coronata. creticus (L.) Hornem., Hort. Hafn.: 697 (1815); cf. D.J. Mabberley in Taxon, 33(3): 437 (1984): Coronilla cretica. glaucus (L.) Hornem., Hort. Hafn.: 696 (1815); cf. D.J. Mabberley in Taxon, 33(3): 437 (1984): Basionym not stated. junceus (L.) Hornem., Hort. Hafn.: 696 (1815); cf. D.J. Mabberley in Taxon, 33(3): 437 (1984): Coronilla juncea. minimus (L.) Hornem., Hort. Hafn.: 696 (1815); cf. D.J. Mabberley in Taxon, 33(3): 437 (1984): Coronilla minima. sativus var. macrorrhynchus (Willk.) M. Alsina Aser in Taxon, 36(3): 646 (1987): O. roseus var. macrorrhynchus. subsp. roseus (Duf.) M. Alsina Aser in Taxon, 36(3): 645 (1987): O. roseus. valentinus (L.) Hornem., Hort. Hafn.: 696 (1815); cf. D.J. Mabberley in Taxon, 33(3): 437 (1984): Coronilla valentina. varius (L.) Hornem., Hort. Hafn.: 697 (1815); cf. D.J. Mabberley in Taxon, 33(3): 437 (1984): Coronilla varia.
- OROBANCHE** (Scrophulariac.). baumanniorum W. Greuter in Willdenowia, 16(2): 448 (1987)—Greece. crenata var. callieri N.N. Tsvetlev in Novosti Sist. Vyssh. Rast., 23: 262 (1986)—U.S.S.R. (Crimea). hirtiflora (Reut.) N.N. Tsvetlev in Fl. Azerbaïdzhana, 7: 569 (1957): Phelipaea hirtiflora. hohenackeri (Reut.) N.N. Tsvetlev in Fl. Azerbaïdzhana, 7: 571 (1957): Phelipaea hohenackeri. iberica (G. Beck) N.N. Tsvetlev in Fl. Azerbaïdzhana, 7: 566 (1957): O. purpurea var. iberica. lanuginosa (C.A. Meyer) W. Greuter & Burdet in Willdenowia, 19(1): 37 (1989): Phelypaea lanuginosa. minor var. maritima (Pugsley) F.J. Rumsey & S.L. Jury in Watsonia, 17(4): 444 (1989): O. maritima. septemloba (G. Beck) N.N. Tsvetlev in Fl. Azerbaïdzhana, 7: 568 (1957): O. oxyloba f. septemloba. sinensis var. cyanescens (H. Smith) Z.Y. Zhang in Acta Phytotax. Sin., 26(5): 395 (1988): O. cyanescens.
- ORONTIUM** (Arac.). japonicum C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14: 340 (1784)—Japan.†
- OROPHEA** (Annonac.). subgen. Sphaerocarpon P.J.A. Kessler in Blumea, 33(1): 13 (1988). alba P.J.A. Kessler in Blumea, 33(1): 52 (1988)—Borneo (Sabah). chrysantha P.J.A. Kessler in Blumea, 33(1): 35 (1988)—Malaya. chlorantha P.J.A. Kessler in Blumea, 33(1): 35 (1988)—Java. clemensiana P.J.A. Kessler in Blumea, 33(1): 45 (1988)—Borneo (Sarawak).

OROPHEA :-

- flagellaris P.J.A. Kessler in *Blumea*, 33(1): 38 (1988)—Borneo (Kalimantan).
 kerrii P.J.A. Kessler in *Blumea*, 33(1): 59 (1988)—Thailand.
 kostermansiana P.J.A. Kessler in *Blumea*, 33(1): 55 (1988)—Borneo (Sarawak).
 leuseri P.J.A. Kessler in *Blumea*, 34(2): 507 (1990)—Sumatra.
 malabarica N. Sasidharan & V.V. Sivarajan in *Blumea*, 35(1): 269 (1990)—India.
 malayana P.J.A. Kessler in *Blumea*, 34(2): 509 (1990)—Malaya.
 megalophylla P.J.A. Kessler in *Blumea*, 33(1): 52 (1988)—Philippine Is.
 merrillii P.J.A. Kessler in *Blumea*, 33(1): 33 (1988)—Philippine Is.
 rubra P.J.A. Kessler in *Blumea*, 33(1): 65 (1988)—Borneo (Kalimantan).
 sarawakensis P.J.A. Kessler in *Blumea*, 34(2): 507 (1990)—Borneo (Sarawak).
 sericea P.J.A. Kessler in *Blumea*, 33(1): 49 (1988)—Philippine Is.

OROSTACHYS (Crassulac.).

- fimbriatus
 var. grandiflorus F.Z. Li & X.D. Chen in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(1): 74 (1989)—China.
 var. shandongensis F.Z. Li & X.D. Chen in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(1): 73 (1989)—China.
 malacophyllus
 subsp. lioutchenngoi H. Ohba in *J. Jap. Bot.*, 65(7): 198 (1990)—China.
 umbilicus (L.) Hort. Monac. ex Schrank & Mart., *Hort. Reg. Monac.*: 132 (1829); cf. D.J. Mabberley in *Taxon*, 33(3): 443 (1984): Basionym not stated.

OROYA (Cactac.).

- peruviana
 var. baumanii (Knize) Slaba in *Kaktusy*, 21(1): 10 (1985); cf. *Repert. Pl. Succ. (I.O.S.)*, 36: 8 (1985 publ. 1986): O. baumanii.
 var. citriflora (Knize) Slaba in *Kaktusy*, 21(1): 9 (1985); cf. *Repert. Pl. Succ. (I.O.S.)*, 36: 8 (1985 publ. 1986): O. gibbosa var. citriflora.
 var. depressa (Rauh & Backeb.) Slaba in *Kaktusy*, 21(1): 9 (1985); cf. *Repert. Pl. Succ. (I.O.S.)*, 36: 8 (1985 publ. 1986): O. neoperuviana var. depressa.
 var. neoperuviana (Backeb.) Slaba in *Kaktusy*, 21(1): 7 (1985); cf. *Repert. Pl. Succ. (I.O.S.)*, 36: 8 (1985 publ. 1986): O. neoperuviana.
 subocculata
 var. laxiareolata (Rauh & Backeb.) Slaba in *Kaktusy*, 21(2): 34 (1985); cf. *Repert. Pl. Succ. (I.O.S.)*, 36: 8 (1985 publ. 1986): O. laxiareolata.
 var. pluricentralis (Backeb.) Slaba in *Kaktusy*, 21(2): 34 (1985), basionym not validly publ.; cf. *Repert. Pl. Succ. (I.O.S.)*, 36: 8 (1985 publ. 1986): O. laxiareolata var. pluricentralis.

ORTGIESIA (Bromeliac.).

- alegrensis (Weber) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 72 (1989): Aechmea alegrensis.
 apocalyptica (Reitz) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 72 (1989): Aechmea apocalyptica.
 bicolor (L.B. Smith) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 72 (1989): Aechmea bicolor.
 blumenavii (Reitz) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 72 (1989): Aechmea blumenavii.
 var. alba (Reitz) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 72 (1989): Aechmea blumenavii var. alba.
 burle-marxii (E. Pereira) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 72 (1989): Aechmea burle-marxii.
 calyculata (E. Morren) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 72 (1989): Hoplophytum calyculatum.
 candida (E. Morren ex Baker) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 72 (1989): Aechmea candida.

ORTGIESIA :-

- caudata (Lindman) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 72 (1989): Aechmea caudata.
 f. albiflora (Weber & Roeth) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 72 (1989): Aechmea caudata f. albiflora.
 coelestis (K. Koch) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 72 (1989): Hoplophytum coeleste.
 var. acutifolia (E. Pereira) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 72 (1989): Aechmea coelestis var. acutifolia.
 var. albomarginata (M.B. Foster) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 72 (1989): Aechmea coelestis var. albo-marginata.
 cylindrata (Lindman) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 72 (1989): Aechmea cylindrata.
 gamosepala (Wittmack) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 72 (1989): Aechmea gamosepala.
 var. nivea (Reitz) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 72 (1989): Aechmea gamosepala var. nivea.
 gracilis (Lindman) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 72 (1989): Aechmea gracilis.
 guaratubensis (E. Pereira) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 73 (1989): Aechmea guaratubensis.
 kertesziae (Reitz) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 73 (1989): Aechmea kertesziae.
 var. viridiaurata (Reitz) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 73 (1989): Aechmea kertesziae var. viridi-aurata.
 lindenii (E. Morren) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 73 (1989): Hoplophytum lindenii.
 var. makoyana (Mez) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 73 (1989): Aechmea lindenii var. makoyana.
 lymanii (Weber) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 73 (1989): Aechmea lymanii.
 organensis (Wawra) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 73 (1989): Aechmea organensis.
 pimentivosoi (Reitz) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 73 (1989): Aechmea pimentivosoi.
 var. glabra (Reitz) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 73 (1989): Aechmea pimentivosoi var. glabra.
 recurvata (Klotzsch) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 73 (1989): Macrochordium recurvatum.
 var. benrathii (Mez) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 73 (1989): Aechmea benrathii.
 var. ortgiesii (Baker) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 73 (1989): Aechmea ortgiesii.
 seideliana (Weber) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 73 (1989): Aechmea seideliana.
 winkleri (Reitz) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 73 (1989): Aechmea winkleri.

ORTHAEA (Ericac.).

- subgen. Lysiclesia (A.C. Smith) J.L. Luteyn in *Nordic J. Bot.*, 7(1): 33 (1987); gen. Lysiclesia.
 brachysiphon (Sleumer) J.L. Luteyn in *Nordic J. Bot.*, 7(1): 33 (1987): Empedoclesia brachysiphon.
 caudata (A.C. Smith) J.L. Luteyn in *Nordic J. Bot.*, 7(1): 33 (1987): Lysiclesia caudata.
 coriacea J.L. Luteyn in *Nordic J. Bot.*, 7(1): 36 (1987)—Ecuador.
 glandulifera J.L. Luteyn in *Nordic J. Bot.*, 7(1): 34 (1987)—Colombia.
 minor (A.C. Smith) J.L. Luteyn in *Nordic J. Bot.*, 7(1): 33 (1987): Lysiclesia minor.
 oedipus J.L. Luteyn in *Nordic J. Bot.*, 7(1): 36 (1987)—Colombia.
 panamensis (Luteyn & Wilbur) J.L. Luteyn in *Nordic J. Bot.*, 7(1): 33 (1987): Lysiclesia panamensis.
 paniculata J.L. Luteyn in *Nordic J. Bot.*, 7(1): 33 (1987)—Colombia.
 stipitata (Luteyn) J.L. Luteyn in *Nordic J. Bot.*, 7(1): 33 (1987): Empedoclesia stipitata.

ORTHILIA (Ericac.).

- obtusata
 var. xizangensis Y.L. Chou in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(3): 145 (1986)—Xizang.

ORTHOCERAS (Orchidac.).

- novae-zeelandiae (A. Rich.) M.A. Clements, D. Jones & Molloy in *Austral. Orchid Res.*, 1: 100 (1989): Diuris novae-zeelandiae.

ORTHOPHYTUM (Bromeliac.).

- alvimi (W. Weber in Feddes *Repert.*, 97(3-4): 126 (1986)—Brazil.
 disjunctum
 var. angustobraceatum W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 58: 56 (1986)—Brazil.
 var. striatum W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 60: 90 (1987)—Brazil.
 var. variegatum W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 58: 58 (1986)—Brazil.
 var. viridiflorum W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 58: 60 (1986)—Brazil.
 supthutii E. Gross & W. Barthlott in *J. Bromeliad Soc.*, 40(5): 217 (1990), without latin descr.—Brazil.

ORTHOPICHONIA (Apocynac.).

- seretii (De Wild.) G.J.A. Vonk in *Wageningen Agric. Univ. Pap.*, 89(4): 43 (1989): Clitandra seretii.
 visciflua (K. Schum. ex Hall.) G.J.A. Vonk in *Wageningen Agric. Univ. Pap.*, 89(4): 46 (1989): Clitandra visciflua.

ORTHOPOGON (Gramin.).

- hirtellus (L.) R. Br. ex Sweet, *Hort. Suburb. Lond.*: 19 (June-July 1818); cf. D.J. Mabberley in *Taxon*, 30(1): 16 (1981): Basionym not stated.

ORTHORAPHIUM (Gramin.).

- coreanum
 subsp. kengii (Ohwi) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 519 (1987): Achnatherum coreanum var. kengii.

ORYZA (Gramin.).

- indandamanica J.L. Ellis in *Bull. Bot. Surv. India*, 27(1-4): 225 (1985 publ. 1987)—Andaman Is.
 meyeriana
 var. granulata (Watt) H. Duistermaat in *Blumea*, 32(1): 185 (1987): O. granulata.
 rhizomatis D.A. Vaughan in *Bot. J. Linn. Soc.*, 103(2): 160 (1990)—Sri Lanka.

ORYZOPSIS (Gramin.).

- macroscipula P.C. Kuo & Z.L. Wu in *Fl. Xizangica*, 5: 246 (1987)—Xizang.

OSBECKIA (Melastomatac.).

- darjeelingensis G.S. Giri & M.P. Nayar in *Bull. Bot. Surv. India*, 25(1-4): 241 (1983 publ. 1985)—India, Sikkim.
 gracilis
 var. anamalayana (Giri & Nayar) H.B. Naithani & S. Biswas in *H.B. Naithani, Flow. Pl. India, Nepal & Bhutan*: 170 (1990): O. lineolata var. anamalayana.
 lineolata
 var. anamalayana G.S. Giri & M.P. Nayar in *Bull. Bot. Surv. India*, 25(1-4): 244 (1983 publ. 1985)—India.
 mehrana G.S. Giri & M.P. Nayar in *Kew Bull.*, 41(2): 429 (1986)—India.
 saxatilis (Dennst.) C.R. Suresh in D.H. Nicolson, C.R. Suresh & K.S. Manilal, *Interpret. Van Rheede's Hort. Malab.*: 176 (1988): Melastoma saxatile.

OSBERTIA (Compos.).

- chihuahuana B.L. Turner & S. Sundberg in *Pl. Syst. Evol.*, 151(3-4): 233 (1986)—Mexico.

OSMANTHUS (Oleac.).

- gracilinervis Chia ex R.L. Lu in *Acta Phytotax. Sin.*, 27(1): 71 (1989)—China.
 lipingensis D.J. Liu in *Acta Bot. Yunnanica*, 10(1): 121 (1988)—China.
 marginatus
 var. longissimus (H.T. Chang) R.L. Lu in *Acta Phytotax. Sin.*, 27(1): 72 (1989): O. longissimus.

OSMANTHUS :-

var. pachyphyllus (H.T. Chang) R.L. Lu in *Acta Phytotax. Sin.*, 27(1): 73 (1989): *O. pachyphyllus*.

OSSAEA (Melastomatac.).

woodsii W.S. Judd & J.D. Skean in *Bull. Florida State Mus., Biol. Sci.*, 32(1): 141 (1987)—Hispaniola (Haiti).

OSSICULUM P.J. Cribb & F.M. van der Laan in *Kew Bull.*, 41(4): 823 (1986). ORCHIDACEAE.

aurantiacum P.J. Cribb & F.M. van der Laan in *Kew Bull.*, 41(4): 824 (1986)—Cameroun.

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citriodorum (Hance) R.H. Shan & C.Q. Yuan in *Bull. Nanjing Bot. Gard. Mem. Sun Yat Sen*, 1984-1985: 3 (1986): *Angelica citriodora*.

maximowiczii

var. alpinum R.H. Shan & C.Q. Yuan in *Bull. Nanjing Bot. Gard. Mem. Sun Yat Sen*, 1984-1985: 3 (1986)—China.

var. filisectum (Chu) R.H. Shan & C.Q. Yuan in *Bull. Nanjing Bot. Gard. Mem. Sun Yat Sen*, 1984-1985: 3 (1986): *O. filisectum*.

scaberulum (Franch.) R.H. Shan & C.Q. Yuan in *Bull. Nanjing Bot. Gard. Mem. Sun Yat Sen*, 1984-1985: 3 (1986): *Angelica scaberula*.

OSTODES (Euphorbiac.).*paniculata*

var. katherinae (Pax) T. Chakrabarty & N.P. Balakrishnan in *Bull. Bot. Surv. India*, 27(1-4): 260 (1985 publ. 1987): *O. katherinae*.

var. thyrantha (Pax) T. Chakrabarty & N.P. Balakrishnan in *Bull. Bot. Surv. India*, 27(1-4): 260 (1985 publ. 1987): *O. thyranthus*.

OSYRIS (Santalac.).

japonica C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 881 (1784)—Japan. †

wightiana

var. rotundifolia (Tam) P.C. Tam in *Fl. Reipubl. Popul. Sin.*, 24: 64 (1988): *O. arborea* var. *rotundifolia*.

var. stipitata (Lecomte) P.C. Tam in *Fl. Reipubl. Popul. Sin.*, 24: 64 (1988): *O. arborea* var. *stipitata*.

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fimbriata Soderstrom ex R. McVaugh, *Fl. Novogaliciana*, 14: 280 (1983)—Mexico.

OTHOLOBIUM (Legumin.).

acuminatum (Lam.) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 2 (1986): *Psoralea acuminata*.

argenteum (Thunb.) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 2 (1986): *Psoralea argentea*.

bolusii (Forbes) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 2 (1986): *Psoralea bolusii*.

bowianum (Harv.) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 2 (1986): *Psoralea bowiana*.

bracteolatum (Eckl. & Zeyh.) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 2 (1986): *Psoralea bracteolata*.

candicans (Eckl. & Zeyh.) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 2 (1986): *Psoralea candicans*.

carneum (E. Mey.) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 2 (1986): *Psoralea carnea*.

decumbens (Ait.) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 2 (1986): *Psoralea decumbens*.

foliosum (Oliv.) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 2 (1986): *Psoralea foliosa*.

fruticans (L.) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 3 (1986): *Trifolium fruticans*.

fumeum C.H. Stirton in *S. Afr. J. Bot.*, 56(3): 336 (1990)—South Africa (Natal).

hamatum (Harv.) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 3 (1986): *Psoralea hamata*.

heterosepalum (Fourcade) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 3 (1986): *Psoralea heterosepala*.

hirtum (L.) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 3 (1986): *Psoralea hirta*.

macradenium (Harv.) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 3 (1986): *Psoralea macradenia*.

mundianum (Eckl. & Zeyh.) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 3 (1986): *Psoralea mundiana*.

OTHOLOBIUM :-

nigricans C.H. Stirton in *S. Afr. J. Bot.*, 56(3): 338 (1990)—South Africa (Natal, Transvaal), Swaziland.

obliquum (E. Mey.) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 3 (1986): *Psoralea obliqua*.

parviflorum (E. Mey.) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 3 (1986): *Psoralea parviflora*.

polyphyllum (Eckl. & Zeyh.) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 3 (1986): *Psoralea polyphylla*.

polystictum (Benth. ex Harv.) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 3 (1986): *Psoralea polysticta*.

racemosum (Thunb.) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 3 (1986): *Psoralea racemosa*.

rotundifolium (L.f.) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 4 (1986): *Psoralea rotundifolia*.

sericeum (Poir.) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 4 (1986): *Psoralea sericea*.

spicatum (L.) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 4 (1986): *Psoralea spicata*.

stachyerum (Eckl. & Zeyh.) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 4 (1986): *Psoralea stachyera*.

striatum (Thunb.) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 4 (1986): *Psoralea striata*.

swartbergense C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 4 (1986)—South Africa (Cape Province).

thomii (Harv.) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 4 (1986): *Psoralea thomii*.

trianthum (E. Mey.) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 4 (1986): *Psoralea triantha*.

uncinatum (Eckl. & Zeyh.) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 4 (1986): *Psoralea uncinata*.

venustum (Eckl. & Zeyh.) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 4 (1986): *Psoralea venusta*.

wilmsii (Harms) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 4 (1986): *Psoralea wilmsii*.

zeyheri (Harv.) C.H. Stirton in *S. Afr. J. Bot.*, 52(1): 4 (1986): *Psoralea zeyheri*.

OTHONNA (Compos.).

armiana E.J. van Jaarsveld in *S. Afr. J. Bot.*, 52(6): 569 (1986)—South Africa (Cape Province).

gregorii (F. Muell.) C. Jeffrey in *Kew Bull.*, 41(4): 876 (1986): *Senecio gregorii*.

schaeferi Muschler ex K. Dinter in *Fedde Repert.*, 20: 316 (1924), without descr.—Namibia.

surulosa Muschler ex K. Dinter in *Fedde Repert.*, 20: 316 (1924), without descr.—Namibia.

torulosa Muschler ex K. Dinter in *Fedde Repert.*, 20: 316 (1924), without descr.—Namibia.

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sect. Balcanosilene (Sourková) A.G. Devyatov in *Novosti Sist. Vyssh. Rast.*, 24: 88 (1987): *Silene* sect. *Balcanosilene*.

ser. Borysthenicae (Sourková) A.G. Devyatov in *Novosti Sist. Vyssh. Rast.*, 24: 93 (1987): *Silene* ser. *Borysthenicae*.

ser. Effusae (Sourková) A.G. Devyatov in *Novosti Sist. Vyssh. Rast.*, 24: 92 (1987): *Silene* ser. *Effusae*.

ser. Macrocarpae (Schischk. ex Sourková) A.G. Devyatov in *Novosti Sist. Vyssh. Rast.*, 24: 88 (1987): *Silene* ser. *Macrocarpae*.

cuneifolia

subsp. arenaria (Podp.) J. Holub in *Preslia*, 58(4): 302 (1986): *Silene pseudo-otites* var. *arenaria*.

muradicus (Schischk.) A.G. Devyatov in *Novosti Sist. Vyssh. Rast.*, 24: 89 (1987): *Silene muradica*.

velebatica (Degen) J. Holub in *Preslia*, 58(4): 302 (1986): *Silene otites* subsp. *velebatica*.

OTOCHILUS (Orchidac.).

lancilabius G. Seidenfaden in *Op. Bot.*, 89: 94 (1986)—Sikkim, Bhutan, India, Nepal, Laos. †

pseudoporrectus Seidenf. ex L.V. Aver'yanov in *Bot. Zhurn.*, 73(3): 432 (1988)—Vietnam.

OTOPAPPUS (Compos.).

pittieri (Greenm.) B.L. Turner in *Phytologia*, 69(1): 15 (1990): *Zexmenia pittieri*.

OTTELIA (Hydrocharitac.).

emersa Z.C. Zhao & R.L. Luo in *J. Wuhan Bot. Res.*, 5(4): 339 (1987)—China.

OTTONIA (Piperac.).

glaucescens (Jacq. f.) Endl., *Cat. Horti Vindob.*, 1: 225 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 435 (1984): *Basionym* not stated.

plantaginea (Lam.) Endl., *Cat. Horti Vindob.*, 1: 225 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 435 (1984): *Basionym* not stated.

villosa
var. minensis E.F. Guimarães in *Napaea, Rev. Bot.*, 5: 13 (1988)—Brazil.

OURATEA (Ochnac.).

sect. Cardiocarpae (Engler) C. Sastre in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 10(1): 55 (1988): *O. ser. Cardiocarpae*.

sect. Kaieiteuria (Dwyer) C. Sastre in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 10(1): 50 (1988): gen. *Kaieiteuria*.

sect. Ouratella (Tieghem) C. Sastre in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 10(1): 61 (1988): gen. *Ouratella*.

sect. Persistens C. Sastre in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 10(1): 59 (1988).

sect. Polyouratea (Tieghem) C. Sastre in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 10(1): 55 (1988): gen. *Polyouratea*.

articulata C. Sastre in *Phytologia*, 64(4): 247 (1988)—Venezuela.

asisae B. Maguire & J.A. Steyermark in *Mem. New York Bot. Gard.*, 51: 62 (1989)—Venezuela.

ayacuchae B. Maguire & J.A. Steyermark in *Mem. New York Bot. Gard.*, 51: 62 (1989)—Venezuela.

bipartita C. Sastre in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 8(4): 420 (1986 publ. 1987)—Guyana.

brevicalyx B. Maguire & J.A. Steyermark in *Mem. New York Bot. Gard.*, 51: 62 (1989)—Venezuela.

brevipedicellata B. Maguire & J.A. Steyermark in *Mem. New York Bot. Gard.*, 51: 64 (1989)—Venezuela.

brevipes (van Tieghem) C. Sastre in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 8(4): 420 (1986 publ. 1987): *Cercouratea brevipes*.

cerebroidea C. Sastre in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 8(4): 413 (1986 publ. 1987)—French Guiana, Guyana, Brazil.

chaffanjonii (van Tieghem) C. Sastre in *Ernstia*, 56: 23 (1989): *Cercouratea chaffanjonii*.

chocoensis C. Sastre in *Mutisia*, 68: 8 (1988)—Colombia.

clarkii C. Sastre in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 10(1): 51 (1988)—Venezuela.

croizatii B. Maguire & J.A. Steyermark in *Mem. New York Bot. Gard.*, 51: 65 (1989)—Venezuela.

culminicola B. Maguire & J.A. Steyermark in *Mem. New York Bot. Gard.*, 51: 65 (1989)—Venezuela.

davidsii C. Sastre in *Phytologia*, 64(5): 365 (1988)—Venezuela.

deminuta B. Maguire & J.A. Steyermark in *Mem. New York Bot. Gard.*, 51: 66 (1989)—Venezuela.

discophora

subsp. pervenulosa B. Maguire & J.A. Steyermark in *Mem. New York Bot. Gard.*, 51: 67 (1989)—Venezuela.

evoluta B. Maguire & J.A. Steyermark in *Mem. New York Bot. Gard.*, 51: 67 (1989)—Venezuela.

fasciculata B. Maguire & J.A. Steyermark in *Mem. New York Bot. Gard.*, 51: 68 (1989)—Guyana.

francinae C. Sastre in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 8(4): 417 (1986 publ. 1987), as 'francinae'—French Guiana.

gillyana

subsp. pachypoda B. Maguire & J.A. Steyermark in *Mem. New York Bot. Gard.*, 51: 71 (1989)—Guyana, Venezuela.

guaiquimimensis C. Sastre in *Phytologia*, 64(5): 365 (1988)—Venezuela.

huberi B. Maguire & J.A. Steyermark in *Mem. New York Bot. Gard.*, 51: 74 (1989)—Venezuela.

informis B. Maguire & J.A. Steyermark in *Mem. New York Bot. Gard.*, 51: 75 (1989)—Venezuela.

kananariensis C. Sastre in *Caldasia*, 15(71-75): 187 (1986)—Colombia.

liesneri C. Sastre in *Phytologia*, 64(5): 366 (1988), as 'liesnerii'—Venezuela.

longistyla B. Maguire & J.A. Steyermark in *Mem. New York Bot. Gard.*, 51: 78 (1989)—Venezuela.—

OURATEA :-

- maasiorum *C. Sastre* in *Bull. Mus. Nation. Hist. Nat.*, *B. Adansonia*, Ser. 4, 8(4): 419 (1986 publ. 1987), as 'maasorum'—Guyana.
- macrocarpa *C. Sastre* in *Bull. Mus. Nation. Hist. Nat.*, *B. Adansonia*, Ser. 4, 8(4): 414 (1986 publ. 1987)—French Guiana, Guyana, Surinam.
- macurucensis *B. Maguire* & *J.A. Steyermark* in *Mem. New York Bot. Gard.*, 51: 80 (1989)—Venezuela.
- marahuacensis *B. Maguire* & *J.A. Steyermark* in *Mem. New York Bot. Gard.*, 51: 80 (1989)—Venezuela.
- medinae *B. Maguire* & *J.A. Steyermark* in *Mem. New York Bot. Gard.*, 51: 81 (1989)—Venezuela.
- ornata *B. Maguire* & *J.A. Steyermark* in *Mem. New York Bot. Gard.*, 51: 82 (1989)—Venezuela.
- papillata *B. Maguire* & *J.A. Steyermark* in *Mem. New York Bot. Gard.*, 51: 82 (1989)—Venezuela.
- parucensis *B. Maguire* & *J.A. Steyermark* in *Mem. New York Bot. Gard.*, 51: 83 (1989)—Venezuela.
- propinqua *B. Maguire* & *J.A. Steyermark* in *Mem. New York Bot. Gard.*, 51: 85 (1989)—Venezuela.
- pseudotatei *B. Maguire* & *J.A. Steyermark* in *Mem. New York Bot. Gard.*, 51: 85 (1989)—Guyana.
- pumila *B. Maguire* & *J.A. Steyermark* in *Mem. New York Bot. Gard.*, 51: 86 (1989)—Venezuela.
- var. heterodoxa *B. Maguire* & *J.A. Steyermark* in *Mem. New York Bot. Gard.*, 51: 87 (1989)—Venezuela.
- ramiflora *C. Sastre* in *Bull. Mus. Nation. Hist. Nat.*, *B. Adansonia*, Ser. 4, 10(1): 62 (1988)—Brazil.
- ramosissima *B. Maguire* & *J.A. Steyermark* in *Mem. New York Bot. Gard.*, 51: 87 (1989)—Venezuela.
- rotundipetala *B. Maguire* & *J.A. Steyermark* in *Mem. New York Bot. Gard.*, 51: 90 (1989)—Venezuela.
- sacleuxii (*van Tieghem*) *H.J. Beentje* in *Utahiti*, 1(2): 70 (1988); *Cercanthemum sacleuxii*.
- sculpta (*Tieghem*) *C. Sastre* in *Bull. Mus. Nation. Hist. Nat.*, *B. Adansonia*, Ser. 4, 10(1): 67 (1988); *Diouratea sculpta*.
- sipapoensis *B. Maguire* & *J.A. Steyermark* in *Mem. New York Bot. Gard.*, 51: 92 (1989)—Venezuela.
- soderstromii *C. Sastre* in *Phytologia*, 64(4): 248 (1988)—Guyana, Venezuela.
- steyermarkii *C. Sastre* in *Phytologia*, 64(4): 247 (1988)—Venezuela.
- subamplexicaulis *B. Maguire* & *J.A. Steyermark* in *Mem. New York Bot. Gard.*, 51: 96 (1989)—Venezuela.
- tumacoensis *C. Sastre* in *Caldasia*, 15(71-75): 189 (1986)—Colombia.
- venulata (*Tieghem*) *C. Sastre* in *Bull. Mus. Nation. Hist. Nat.*, *B. Adansonia*, Ser. 4, 10(1): 60 (1988); *Cercouratea venulata*.
- wurdackiana *B. Maguire* & *J.A. Steyermark* in *Mem. New York Bot. Gard.*, 51: 100 (1989)—Venezuela.
- yapacana *C. Sastre* in *Phytologia*, 64(4): 248 (1988)—Venezuela.

OWENIA (Meliac.).

- ×reliqua *P.I. Forster* in *Austrobaileya*, 3(2): 304 (1990)—Australia (Queensland). (*O. acidula* × *venosa*).

OXALIS (Oxalidac.).

- compacta
subsp. berteroaana (*Barnéoud*) *A. Lourteig* in *Fl. Patagonica (Colecc. Cient. 8)*, 5: 7 (1988); *O. berteroaana*.
- debilis
subsp. corymbosa (*DC.*) *O. de Bolòs* & *J. Vigo*, *Fl. Paisos Catalans*, 2: 286 (1990); *O. corymbosa*.
- dillenii
subsp. recurva (*Ell.*) *C.F. Reed* in *Phytologia*, 63(5): 411 (1987); *O. recurva*.
- enneaphylla
subsp. ibarii (*Philippi*) *A. Lourteig* in *Fl. Patagonica (Colecc. Cient. 8)*, 5: 9 (1988); *O. ibarii*.
- fontana
var. rufa (*Small*) *T. Karlsson* in *Svensk Bot. Tidskr.*, 83(5): 313 (1989); *O. rufa*.
- griffithii
var. kantoensis (*Terao*) *T. Shimizu* in *J. Phytogeogr. Taxon.*, 37(2): 120 (1989); *O. acetosella* var. *kantoensis*.
- martiana
var. taimoni (*Yamamoto*) *S.S. Ying*, *Alp. Pl. Taiwan in Color*, 2: 296 (1978); *O. taimoni*.

OXALIS :-

- parvifolia
subsp. aureoflava (*Steudel*) *O. de Bolòs* & *J. Vigo*, *Fl. Paisos Catalans*, 2: 286 (1990); *O. aureoflava*.
- rigida (*Barnéoud*) *A. Lourteig* in *Fl. Patagonica (Colecc. Cient. 8)*, 5: 24 (1988); *O. laxa* var. *rigida*.

OXANDRA (Annonac.).

- reticulata *P.J.M. Maas* in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 89(3): 261 (1986)—Brazil.

OXANTHERA (Rutac.).

- brevipes *B.C. Stone* in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 219 (1985)—New Caledonia.

OXYANTHUS (Rubiac.).

- lepidus
subsp. kigogoensis *D.M. Bridson* in *Kew Bull.*, 42(1): 251 (1987)—Tanzania.
- letouzeyanus *B. Sonké* in *Bull. Mus. Nation. Hist. Nat.*, *B. Adansonia*, Ser. 4, 11(4): 429 (1989 publ. 1990)—Zaire.

OXYCARPUS (Guttif.).

- sopsopia *F. Buchanan-Hamilton* in *Mem. Wern. Soc.*, 5(2): 345 (1826); cf. *D.J. Mabberley* in *Taxon*, 26(5-6): 527, 529 (1977)—India.†

OXYCEROS (Rubiac.).

- longiflora
var. major (*King* & *Gamble*) *H.B. Naithani*, *Flow. Pl. India, Nepal* & *Bhutan*: 207 (1990); *Randia longiflora* var. *major*.
- malabarica (*Lam.*) *D.D. Tirvengadam* in *Ceylon J. Sci., Biol. Sci.*, 14(1-2): 4 (1981); *Randia malabarica*.

OXYCOCCUS (Ericac.).

- oxycoccus (*L.*) *MacMillan* in *Bull. Torrey Bot. Club*, 19: 15 (1892), as 'Oxycoccus oxycoccus'; see also *K. Adolph* in *Taxon*, 36(1): 127 (1987); *Vaccinium oxycoccus*.†
- palustris
var. macrophyllus *W. Gugnacka-Fiedor* in *Stud. Soc. Sci. Torun*, D, 11(4): 345 (1986 publ. 1987)—Poland.

OXYGONUM (Polygonac.).

- alatum
var. longisquamatum *G. Germishuizen* in *Bothalia*, 17(2): 186 (1987)—Namibia, Botswana.
- altissimum *G. Germishuizen* in *Bothalia*, 19(2): 210 (1989)—Somali Republic.
- dregeanum
subsp. canescens (*Sond.*) *G. Germishuizen* in *Bothalia*, 18(2): 175 (1988); *O. canescens*.
- var. dissectum *G. Germishuizen* in *Bothalia*, 18(2): 176 (1988)—South Africa (Transvaal).
- subsp. lanceolatum *G. Germishuizen* in *Bothalia*, 18(2): 178 (1988)—South Africa (Transvaal, Natal), Swaziland.
- var. linearifolium *G. Germishuizen* in *Bothalia*, 18(2): 175 (1988)—South Africa (Transvaal, Natal).
- var. lobophyllum *G. Germishuizen* in *Bothalia*, 18(2): 177 (1988)—South Africa (Transvaal), Swaziland.
- var. pilosum *G. Germishuizen* in *Bothalia*, 18(2): 177 (1988)—South Africa (Transvaal).
- subsp. streyi *G. Germishuizen* in *Bothalia*, 18(2): 173 (1988)—South Africa (Natal).
- subsp. swazicum (*Burt Davy*) *G. Germishuizen* in *Bothalia*, 18(2): 174 (1988); *O. zeyheri* var. *swazicum*.
- robustum *G. Germishuizen* in *Bothalia*, 17(1): 40 (1987)—Natal.

OXYGYNE (Burmanniace.).

- hyodoi *C. Abe* & *Y. Akasawa* in *J. Jap. Bot.*, 64(6): 161 (1989)—Japan.
- shinzatoi (*Hatusima*) *C. Abe* & *Y. Akasawa* in *J. Jap. Bot.*, 64(6): 163 (1989); *Saionia shinzatoi*.

OXYLOBUS (Compos.).

- preecei *B.L. Turner* in *Phytologia*, 65(5): 375 (1988)—Mexico.

OXPYPETALUM (Asclepiadac.).

- kleinii *J. Fontella Pereira* & *N. Marquete Ferreira da Silva* in *Sellowia*, 39: 50 (1987)—Brazil.
- reitzii *J. Fontella Pereira* & *N. Marquete Ferreira da Silva* in *Sellowia*, 39: 49 (1987)—Brazil.

OXYRIA (Polygonac.).

- acida *R. Br. ex Lindl.* in *Loud., Encycl. Pl.*: 294 (1829); cf. *D.J. Mabberley* in *Taxon*, 31(1): 71 (1982)—Locality not stated.

OXYSTELMA (Asclepiadac.).

- secamone
var. wallichii (*Wight*) *M.A. Rahman* & *C.C. Wilcock* in *Blumea*, 34(2): 520 (1990); *O. wallichii*.

OXYTROPIS (Legumin.).

- subgen. *Acanthoxytropis* *C.W. Chang* in *Acta Bot. Bor.-Occid. Sin.*, 8(1): 10 (1988).
- sect. *Arenicola* *C.W. Chang* in *Acta Bot. Bor.-Occid. Sin.*, 9(1): 40 (1989).
- sect. *Auricula* *C.W. Chang* in *Acta Bot. Bor.-Occid. Sin.*, 7(3): 197 (1987).
- sect. *Brachydenticulata* *N. Ulziikhutag* in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 92(5): 114 (1987).
- sect. *Falcicarpa* *C.W. Chang* in *Acta Bot. Bor.-Occid. Sin.*, 9(1): 41 (1989).
- sect. *Sericopetala* *C.W. Chang* in *Acta Bot. Bor.-Occid. Sin.*, 9(1): 40 (1989).
- sect. *Sichuania* *C.W. Chang* in *Acta Bot. Bor.-Occid. Sin.*, 8(1): 11 (1988).
- sect. *Sikkimia* *I.T. Vasil'chenko* in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(3): 102 (1988).
- subsect. *Uniflorae* *B.A. Yurtsev* in *Bot. Zhurn.*, 73(12): 1653 (1988).
- ajanensis
subsp. semiglobosa (*Jurtz.*) *N.S. Pavlova* in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 4: 269 (1989); *O. semiglobosa*.
- andersii *I.T. Vasil'chenko* in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(3): 97 (1988)—Afghanistan.
- arystangalievii *M.S. Baitenov* in *Izv. Akad. Nauk Kaz. SSR, Biol.*, 1990(4): 84 (1990)—U.S.S.R. (Middle Asia).
- auriculata *C.W. Chang* in *Acta Bot. Bor.-Occid. Sin.*, 7(3): 197 (1987)—China.
- austrosachalinensis *Vass. ex N.S. Pavlova* in *Bot. Zhurn.*, 74(6): 904 (1989)—Sakhalin Is.
- bajtulinii *Yu.A. Kotukhov* in *Bot. Zhurn.*, 74(3): 415 (1989)—U.S.S.R. (Middle Asia).
- barkultagi *V.I. Grubov* & *I.T. Vasil'chenko* in *Novosti Sist. Vyssh. Rast.*, 24: 138 (1987)—Xinjiang.
- beringensis *B.A. Yurtsev* in *Arktich. Fl. SSSR*, 9(2): 179, 116 (1986)—U.S.S.R. (Soviet Far East).
- bicolor
var. *luteola* *C.W. Chang* in *Acta Bot. Bor.-Occid. Sin.*, 6(3): 188 (1986)—China.
- burchan-buddae *V.I. Grubov* & *I.T. Vasil'chenko* in *Novosti Sist. Vyssh. Rast.*, 24: 139 (1987)—Xizang.
- calcareorum *N.S. Pavlova* in *Bot. Zhurn.*, 74(6): 903 (1989)—Sakhalin Is.
- callophylla *I.T. Vasil'chenko* in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(3): 98 (1988)—Afghanistan.
- candolleorum *I.T. Vasil'chenko* in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(3): 98 (1988)—Xizang.
- chinglingensis *C.W. Chang* in *Fl. Tsinlingensis*, 1(3): 446, 68 (1981)—China.
- coeruleascens (*Jurtz.* & *Petrov.*) *A.P. Khokhryakov*, *Analiz Fl. Kolym'skogo Nagor'ya*: 130 (1989); *O. middendorffii* subsp. *coeruleascens*.
- davisii (*Welsh*) *B.A. Yurtsev* in *Arktich. Fl. SSSR*, 9(2): 97 (1986); *O. campestris* var. *davisii*.
- deflexa
subsp. *dezhnevii* (*Jurtz.*) *B.A. Yurtsev* in *Arktich. Fl. SSSR*, 9(2): 79 (1986); *O. deflexa* var. *dezhnevii*.
- subsp. *retrorsa* (*Fern.*) *B.A. Yurtsev* in *Arktich. Fl. SSSR*, 9(2): 77 (1986); *O. retrorsa*.
- dschagastaica *V.I. Grubov* & *I.T. Vasil'chenko* in *Novosti Sist. Vyssh. Rast.*, 24: 137 (1987)—U.S.S.R. (Middle Asia).
- dumbedanica *V.I. Grubov* & *I.T. Vasil'chenko* in *Novosti Sist. Vyssh. Rast.*, 24: 134 (1987)—U.S.S.R. (Middle Asia), Xinjiang.
- engizekensis *H. Duman* & *M. Vural* in *Doğa, Turk. J. Bot.*, 14: 43 (1990)—Turkey.

OXYTROPIS :-

- falcata
var. maquensis C.W. Chang in *Acta Bot. Bor.-Occid. Sin.*, 7(3): 202 (1987)—China.
- gerzeensis P.C. Li in *Fl. Xizangica*, 2: 859 (1985)—Xizang.
- glabra
var. drakeana (Franch.) C.W. Chang in *Acta Bot. Bor.-Occid. Sin.*, 6(3): 185 (1986); O. drakeana.
- gracillima
f. albiflora (P.Y. Fu & Y.A. Chen) H.C. Fu in *Fl. Intramongolica*, Ser. 2, 3: 310 (1989); O. psammocharis f. albiflora.
- hedgeri I.T. Vasil'chenko in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(3): 101 (1988)—Afghanistan.
- helenae N.S. Pavlova in *Bot. Zhurn.*, 74(6): 901 (1989)—Sakhalin Is.
- hirta
var. wutuensis C.W. Chang in *Fl. Tsinlingensis*, 1(3): 445, 65 (1981)—China.
- humilis C.W. Chang in *Fl. Tsinlingensis*, 1(3): 447, 68 (1981)—China.
- inopinata B.A. Yurtsev in *Arktich. Fl. SSSR*, 9(2): 182, 144 (1986)—U.S.S.R. (Siberia).
- janensis (Jurtz.) A.P. Khokhryakov, *Analiz Fl. Kolym'skogo Nagor'ya*: 130 (1989); O. adamsiana subsp. janensis.
- jarovoi (Jurtz.) A.P. Khokhryakov, *Analiz Fl. Kolym'skogo Nagor'ya*: 130 (1989); O. middendorffii subsp. jarovoi.
- kalami I.T. Vasil'chenko in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(3): 98 (1988)—Pakistan.
- kateninii B.A. Yurtsev in *Arktich. Fl. SSSR*, 9(2): 182, 146 (1986)—U.S.S.R. (Soviet Far East).
- khinjahi I.T. Vasil'chenko in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(3): 98 (1988)—Afghanistan.
- kumaonensis I.T. Vasil'chenko in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(3): 99 (1988)—India.
- kumbelica V.I. Grubov & I.T. Vasil'chenko in *Novosti Sist. Vyssh. Rast.*, 24: 135 (1987)—U.S.S.R. (Middle Asia).
- kunarensis I.T. Vasil'chenko in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(3): 102 (1988)—Afghanistan.
- langshanica H.C. Fu in *Fl. Intramongolica*, Ser. 2, 3: 672, 313 (1989)—China.
- larionovii V.I. Grubov & I.T. Vasil'chenko in *Novosti Sist. Vyssh. Rast.*, 24: 136 (1987)—Xinjiang.
- lavrenkoi N. Ulzikhutag in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 92(5): 114 (1987)—Mongolia.
- laxiracemosa I.T. Vasil'chenko in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(3): 99 (1988)—Afghanistan.
- leucantha
subsp. subarctica B.A. Yurtsev in *Arktich. Fl. SSSR*, 9(2): 180, 119 (1986)—U.S.S.R. (Siberia).
- subsp. tschukotensis B.A. Yurtsev in *Arktich. Fl. SSSR*, 9(2): 180, 120 (1986)—U.S.S.R. (Soviet Far East, Siberia).
- mandshurica
f. albiflora H.C. Fu in *Fl. Intramongolica*, Ser. 2, 3: 673, 328 (1989)—China.
- melanocalyx
var. brevidentata C.W. Chang in *Fl. Tsinlingensis*, 1(3): 445, 66 (1981)—China.
- middendorffii
subsp. coerulescens B.A. Yurtsev & Petrovsky in *Arktich. Fl. SSSR*, 9(2): 181, 137 (1986)—U.S.S.R. (Soviet Far East).
- subsp. jarovoi B.A. Yurtsev in *Arktich. Fl. SSSR*, 9(2): 181 (1986)—U.S.S.R. (Siberia).
- subsp. submiddendorffii B.A. Yurtsev in *Arktich. Fl. SSSR*, 9(2): 181, 137 (1986), as 'sub-middendorffii'—U.S.S.R. (Soviet Far East).
- subsp. trautvetteri (Meinsh.) B.A. Yurtsev in *Arktich. Fl. SSSR*, 9(2): 141 (1986); O. trautvetteri.
- nanda-devi I.T. Vasil'chenko in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(3): 97 (1988)—India.
- ochrantha
var. albopilosa P.C. Li in *Fl. Xizangica*, 2: 870 (1985)—Xizang.
- ochrocephala
var. longibracteata P.C. Li in *Fl. Xizangica*, 2: 859 (1985)—Xizang.
- oreophila
var. jonesii (Barneby) R.C. Barneby in A. Cronquist et al., *Intermountain Fl., Vasc. Pl. Intermountain West*, U.S.A., 3B: 183 (1989); O. jonesii.

OXYTROPIS :-

- pseudocoeerulea P.C. Li in *Acta Bot. Yunnanica*, 11(3): 300 (1989)—China, Xizang.
- rhodantha I.T. Vasil'chenko in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(3): 99 (1988)—Iran.
- ribumoo I.T. Vasil'chenko in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(3): 102 (1988)—Sikkim.
- rudbariensis I.T. Vasil'chenko in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(3): 101 (1988)—Iran.
- salicetorum I.T. Vasil'chenko in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(3): 99 (1988)—Afghanistan.
- shirkuhi I.T. Vasil'chenko in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(3): 99 (1988)—Iran.
- sichuanica C.W. Chang in *Acta Bot. Bor.-Occid. Sin.*, 8(1): 11 (1988)—China.
- sinkingensis Cheng f. ex C.W. Chang in *Acta Bot. Bor.-Occid. Sin.*, 8(1): 13 (1988)—Xinjiang.
- sitaipaiensis T.P. Wang ex C.W. Chang in *Fl. Tsinlingensis*, 1(3): 446, 67 (1981)—China.
- sordida
subsp. arctolenensis B.A. Yurtsev in *Arktich. Fl. SSSR*, 9(2): 179, 114 (1986)—U.S.S.R. (Siberia).
- subsp. barnebyana (Welsh) B.A. Yurtsev in *Arktich. Fl. SSSR*, 9(2): 109 (1986); O. arctica var. barnebyana.
- subsp. murrayi B.A. Yurtsev in *Arktich. Fl. SSSR*, 9(2): 179 (1986)—Canada (Yukon).
- subsp. schamurini B.A. Yurtsev in *Arktich. Fl. SSSR*, 9(2): 179, 115 (1986)—U.S.S.R. (Soviet Far East, Siberia).
- subpodoloba P.C. Li in *Fl. Xizangica*, 2: 864 (1985)—Xizang.
- substepposa (Jurtz.) A.P. Khokhryakov, *Analiz Fl. Kolym'skogo Nagor'ya*: 67 (1989); O. vassilzenkoi subsp. substepposa.
- surmandehi I.T. Vasil'chenko in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(3): 100 (1988)—Iran.
- taldycola V.I. Grubov & I.T. Vasil'chenko in *Novosti Sist. Vyssh. Rast.*, 24: 138 (1987)—Xinjiang.
- tichomirovii B.A. Yurtsev in *Arktich. Fl. SSSR*, 9(2): 180, 128 (1986)—U.S.S.R. (Siberia).
- tunnellii I.T. Vasil'chenko in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(3): 100 (1988)—Afghanistan.
- uniflora B.A. Yurtsev in *Bot. Zhurn.*, 73(12): 1650 (1988)—U.S.S.R. (Soviet Far East).
- uschakovii B.A. Yurtsev in *Arktich. Fl. SSSR*, 9(2): 178, 104 (1986)—U.S.S.R. (Soviet Far East).
- vakhdzhiri I.T. Vasil'chenko in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(3): 101 (1988)—Afghanistan.
- valerii I.T. Vasil'chenko in *Novosti Sist. Vyssh. Rast.*, 24: 133 (1987)—Xizang.
- vassilzenkoi
subsp. substepposa B.A. Yurtsev in *Arktich. Fl. SSSR*, 9(2): 178, 102 (1986)—U.S.S.R. (Soviet Far East, Siberia).
- vassilievii B.A. Yurtsev in *Arktich. Fl. SSSR*, 9(2): 180 (1986)—U.S.S.R. (Soviet Far East).
- vasskovskiy B.A. Yurtsev in *Arktich. Fl. SSSR*, 9(2): 181, 143 (1986)—U.S.S.R. (Siberia, Soviet Far East).
- vositensis I.T. Vasil'chenko in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(3): 100 (1988)—Afghanistan.
- xinglongshanica C.W. Chang in *Acta Bot. Bor.-Occid. Sin.*, 7(3): 199 (1987), with two types cited—China.
- yazdi I.T. Vasil'chenko in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(3): 100 (1988)—Iran.
- zangolehensis I.T. Vasil'chenko in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(3): 101 (1988)—Iran.

P**PACHIRA** (Bombacac.).

- dolichocalyx A. Robyns in *Bull. Jard. Bot. Nation. Belg.*, 58(3-4): 535 (1988)—French Guiana.

PACHYCARPUS (Asclepiadac.).

- sect. Campanulati (Schltr.) A. Nicholas & D.J. Goyder in *Bothalia*, 20(1): 88 (1990); Asclepias sect. Campanulatae.

PACHYCARPUS :-

- suaveolens (Schltr.) A. Nicholas & D.J. Goyder in *Bothalia*, 20(1): 88 (1990); Gomphocarpus suaveolens.

PACHYCEREUS (Cactac.).

- militaris (Audot) D. Hunt in *Bradleya*, 5: 93 (1987); Cereus militaris.
- schottii (Engelmann) D. Hunt in *Bradleya*, 5: 93 (1987); Cereus schottii.

PACHYCYMBIUM (Asclepiadac.).

- abayense (M. Gilbert) M.G. Gilbert in *Bradleya*, 8: 23 (1990); Caralluma abayensis.
- araysianum (Lavrano & Bilaidi) M.G. Gilbert in *Bradleya*, 8: 23 (1990); Stultitia araysiana.
- baldratii (White & Sloane) M.G. Gilbert in *Bradleya*, 8: 24 (1990); Caralluma baldratii.
- subsp. subterraneum (Bruce & Bally) M.G. Gilbert in *Bradleya*, 8: 24 (1990); Caralluma subterranea.
- chrysostephanum (Defl.) M.G. Gilbert in *Bradleya*, 8: 24 (1990); Stapelia chrysostephana.
- circes (M. Gilbert) M.G. Gilbert in *Bradleya*, 8: 22 (1990); Caralluma circes.
- commutatum (Berger) M.G. Gilbert in *Bradleya*, 8: 23 (1990); Caralluma commutata.
- decaisneanum (Lem.) M.G. Gilbert in *Bradleya*, 8: 22 (1990); Boucrosia decaisneana.
- deflersianum (Lavrano) M.G. Gilbert in *Bradleya*, 8: 22 (1990); Caralluma deflersiana.
- denboefii (Lavrano) M.G. Gilbert in *Bradleya*, 8: 22 (1990); Caralluma denboefii.
- distinctum (E.A. Bruce) M.G. Gilbert in *Bradleya*, 8: 22 (1990); Caralluma distincta.
- dummeri (N.E. Br.) M.G. Gilbert in *Bradleya*, 8: 22 (1990); Stapelia dummeri.
- eremastrum (Schwartz) M.G. Gilbert in *Bradleya*, 8: 24 (1990); Caralluma eremastrum.
- gemugofanum (M. Gilbert) M.G. Gilbert in *Bradleya*, 8: 23 (1990); Caralluma gemugofana.
- huernioides (Bally) M.G. Gilbert in *Bradleya*, 8: 22 (1990); Caralluma huernioides.
- kochii (Lavrano) M.G. Gilbert in *Bradleya*, 8: 21 (1990); Caralluma kochii.
- laikipiense M.G. Gilbert in *Bradleya*, 8: 24 (1990)—Kenya.
- laticorona (M. Gilbert) M.G. Gilbert in *Bradleya*, 8: 23 (1990), as 'laticoronum': Caralluma sprengeri subsp. laticorona.
- lugardii (N.E. Br.) M.G. Gilbert in *Bradleya*, 8: 28 (1990); Caralluma lugardii.

PACHYCYMBIUM (Asclepiadac.).

- luntii (N.E. Br.) M.G. Gilbert in *Bradleya*, 8: 24 (1990); Caralluma luntii.
- meintjesianum (Lavrano) M.G. Gilbert in *Bradleya*, 8: 24 (1990); Caralluma meintjesiana.
- miscellum (N.E. Br.) M.G. Gilbert in *Bradleya*, 8: 28 (1990); Stapelia miscella.
- rogersii (L. Bolus) M.G. Gilbert in *Bradleya*, 8: 28 (1990); Stapelia rogersii.
- sacculatum (N.E. Br.) M.G. Gilbert in *Bradleya*, 8: 21 (1990); Caralluma sacculata.
- schweinfurthii (Berger) M.G. Gilbert in *Bradleya*, 8: 23 (1990); Caralluma schweinfurthii.
- sprengeri (N.E. Br.) M.G. Gilbert in *Bradleya*, 8: 22 (1990); Caralluma sprengeri.
- subsp. foetidum (M. Gilbert) M.G. Gilbert in *Bradleya*, 8: 23 (1990); Caralluma sprengeri subsp. foetida.
- subsp. ogadense (M. Gilbert) M.G. Gilbert in *Bradleya*, 8: 23 (1990); Caralluma sprengeri subsp. ogadense.
- tubiforme (Bruce & Bally) M.G. Gilbert in *Bradleya*, 8: 21 (1990); Caralluma tubiformis.
- ubomboense (Verdoorn) M.G. Gilbert in *Bradleya*, 8: 25 (1990); Caralluma ubomboense.
- vibratilis (Bruce & Bally) M.G. Gilbert in *Bradleya*, 8: 22 (1990); Caralluma vibratilis.
- wilsonii (Bally) M.G. Gilbert in *Bradleya*, 8: 22 (1990); Caralluma wilsonii.
- wissmannii (Schwartz) M.G. Gilbert in *Bradleya*, 8: 24 (1990); Caralluma wissmannii.

PACHYGONE (Menispermac.).

- yunnanensis H.S. Lo in *Guihaia*, 10(3): 181 (1990)—China.

- PACHYPLEURUM** (Umbellif.).
muliense R.H. Shan & F.T. Pu in *Acta Phytotax. Sin.*, 27(1): 62 (1989)—China.
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 drakei H. St. John, *Pandanus in Leeward Soc. Is., Meetic, & Henderson (Rev. Gen. Pandanus, 49)*: 10 (1989)—Society Is.
 edwimii H. St. John, *Pandanus of Samoa (Revis. Gen. Pandanus, 54)*: 6 (1989)—Samoa.
 efateensis H. St. John, *Pandanus of New Hebrides (Revis. Gen. Pandanus, 60)*: 15 (1989)—Vanuatu.
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 evexus H. St. John, *Pandanus of Cook Is. (Rev. Gen. Pandanus, 47)*: 7 (1989)—Cook Is.
 exilis H. St. John, *Pandanus of Samoa (Revis. Gen. Pandanus, 54)*: 7 (1989), nom. nov.: *P. upoluensis* var. *angulosus* Martelli.
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 fatuhivaensis H. St. John, *Pandanus in Marquesas Is. (Revis. Gen. Pandanus, 57)*: 1 (1989)—Marquesas Is.
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 futunaensis H. St. John, *Remaining Polynesian spp. (Revis. Gen. Pandanus, 59)*: 3 (1989)—Futuna Is.
 gabonensis K.-L. Huynh in *Fl. Gabon*, 28: 12 (1986)—Gabon.
 gambiense H. St. John, *Rev. Gen. Pandanus, Pt. 48, Gambier Is., Polynesia*: 4 (1988)—Tuamotu Is.
 gasicus K.L. Huynh in *Bot. Helvetica*, 99(1): 21 (1989)—Mozambique.
 gazelleensis H. St. John, *Pandanus Bismarck & Admiralty Is. (Rev. Gen. Pandanus, 51)*: 31 (1989)—New Britain.
 gibberosus H. St. John, *Pandanus of New Caledonia (Revis. Gen. Pandanus, 61)*: 67 (1989)—New Caledonia.
 glaphyros H. St. John, *Pandanus Bismarck & Admiralty Is. (Rev. Gen. Pandanus, 51)*: 33 (1989)—New Britain.
 globatus H. St. John, *Pandanus of New Caledonia (Revis. Gen. Pandanus, 61)*: 44 (1989)—New Caledonia.
 glomerosus H. St. John, *Pandanus on Niue Is., Polynesia (Rev. Gen. Pandanus, 52)*: 1 (1989), nom. nov.: *P. tahitensis* var. *niueana* B.C. Stone.
 gossweileri H. St. John ex K.L. Huynh in *Garcia de Orta, Ser. Bot.*, 9(1-2): 31 (1987 publ. 1988)—Angola.
 gracilialatus H. St. John, *Pandanus of Loyalty Is. (Revis. Gen. Pandanus, 62)*: 7 (1990)—New Caledonia.

PANDANUS :-

- granti H. St. John, *Pandanus in Leeward Soc. Is., Meetia*, & Henderson (Rev. Gen. Pandanus, 49): 13 (1989)—Society Is.
- granulosus H. St. John, *Pandanus Bismarck & Admiralty Is.* (Rev. Gen. Pandanus, 51): 1 (1989)—New Ireland.
- guineabissauensis K.L. Huynh in *Candollea*, 42(1): 140 (1987)—Guinea Bissau.
- haapaiensis H. St. John, *Pandanus of Tonga, Polynesia (Revis. Gen. Pandanus, 56)*: 6 (1989)—Tonga.
- hendersonensis H. St. John, *Pandanus in Leeward Soc. Is., Meetia*, & Henderson (Rev. Gen. Pandanus, 49): 15 (1989)—Henderson Is.
- hivaoaensis H. St. John, *Pandanus in Marquesas Is. (Revis. Gen. Pandanus, 57)*: 3 (1989)—Marquesas Is.
- horneinsularum H. St. John, *Remaining Polynesian spp. (Revis. Gen. Pandanus, 59)*: 5 (1989)—Futuna Is.
- houmaensis H. St. John, *Pandanus of Tonga, Polynesia (Revis. Gen. Pandanus, 56)*: 8 (1989), nom. nov.: *P. odoratissimus* var. *parksii* Martelli.
- humericus H. St. John, *Pandanus on Niue Is., Polynesia (Revis. Gen. Pandanus, 52)*: 7 (1989)—Cook Is.
- humilior H. St. John, *Pandanus Bismarck & Admiralty Is. (Rev. Gen. Pandanus, 51)*: 34 (1989)—New Ireland.
- inarmatus H. St. John, *Pandanus in Leeward Soc. Is., Meetia*, & Henderson (Rev. Gen. Pandanus, 49): 17 (1989)—Society Is.
- induratus H. St. John, *Pandanus of New Caledonia (Revis. Gen. Pandanus, 61)*: 57 (1989)—New Caledonia.
- inflexus H. St. John, *Rev. Gen. Pandanus, 50, Austral Is., French Polynesia*: 11 (1989)—Tubuai Is.
- infundibuliformis H. St. John, *Rev. Gen. Pandanus, Pt. 48, Gambier Is., Polynesia*: 5 (1988)—Tuamotu Is.
- insolitus K.L. Huynh in *Webbia*, 41(1): 160 (1987)—Congo.
- interior H. St. John, *Pandanus of Cook Is. (Rev. Gen. Pandanus, 47)*: 8 (1989)—Cook Is.
- intralacvis H. St. John, *Pandanus in Leeward Soc. Is., Meetia*, & Henderson (Rev. Gen. Pandanus, 49): 18 (1989)—Society Is.
- isis H. St. John, *Pandanus Bismarck & Admiralty Is. (Rev. Gen. Pandanus, 51)*: 17 (1989)—New Ireland.
- jaffrei H. St. John, *Pandanus of New Caledonia (Revis. Gen. Pandanus, 61)*: 5 (1989)—New Caledonia.
- jonesii (F. Brown) H. St. John, *Pandanus in Marquesas Is. (Revis. Gen. Pandanus, 57)*: 5 (1989); *P. tectorius* var. *jonesii*.
- kaviengensis H. St. John, *Pandanus Bismarck & Admiralty Is. (Rev. Gen. Pandanus, 51)*: 35 (1989)—New Ireland.
- kosteri B.C. Stone in *Blumea*, 32(2): 435 (1987)—New Guinea (W. Irian).
- lachaisei K.-L. Huynh in *Bot. Jahrb.*, 109(3): 351 (1988)—Ivory Coast.
- laculatus H. St. John, *Rev. Gen. Pandanus, 50, Austral Is., French Polynesia*: 13 (1989)—Tubuai Is.
- laferrerei K.-L. Huynh in *Bot. Helvetica*, 98(1): 33 (1988)—Mali.
- laticonvexus H. St. John, *Pandanus of New Caledonia (Revis. Gen. Pandanus, 61)*: 58 (1989)—New Caledonia.
- laticor H. St. John, *Pandanus of Cook Is. (Rev. Gen. Pandanus, 47)*: 10 (1989)—Cook Is.
- liberiensis K.-L. Huynh in *Bull. Soc. Neuchâtel. Sci. Nat.*, 111: 83 (1988)—Liberia.
- licinus H. St. John, *Rev. Gen. Pandanus, 50, Austral Is., French Polynesia*: 14 (1989)—Tubuai Is.
- lifouensis H. St. John, *Pandanus of Loyalty Is. (Revis. Gen. Pandanus, 62)*: 1 (1990)—New Caledonia.
- limitaris H. St. John, *Rev. Gen. Pandanus, Pt. 48, Gambier Is., Polynesia*: 7 (1988)—Tuamotu Is.
- longissimus H. St. John, *Pandanus Bismarck & Admiralty Is. (Rev. Gen. Pandanus, 51)*: 36 (1989)—New Britain.
- makateensis H. St. John, *Pandanus of Tuamotu Archip. (Revis. Gen. Pandanus, 53)*: 12 (1989)—Tuamotu Is.
- mangarevaensis H. St. John, *Rev. Gen. Pandanus, Pt. 48, Gambier Is., Polynesia*: 8 (1988)—Tuamotu Is.

PANDANUS :-

- marcensis H. St. John, *Pandanus of Loyalty Is. (Revis. Gen. Pandanus, 62)*: 2 (1990)—New Caledonia.
- mariaensis H. St. John, *Rev. Gen. Pandanus, 50, Austral Is., French Polynesia*: 15 (1989)—Tubuai Is.
- marquesasensis H. St. John, *Pandanus in Marquesas Is. (Revis. Gen. Pandanus, 57)*: 5 (1989)—Marquesas Is.
- mauricei H. St. John, *Pandanus of New Hebrides (Revis. Gen. Pandanus, 60)*: 1 (1989)—Vanuatu.
- medialis H. St. John, *Pandanus of New Caledonia (Revis. Gen. Pandanus, 61)*: 59 (1989)—New Caledonia.
- meertiaensis H. St. John, *Pandanus in Leeward Soc. Is., Meetia*, & Henderson (Rev. Gen. Pandanus, 49): 19 (1989)—Society Is.
- mesos H. St. John, *Pandanus of Loyalty Is. (Revis. Gen. Pandanus, 62)*: 9 (1990)—New Caledonia.
- metaceus H. St. John, *Pandanus of New Caledonia (Revis. Gen. Pandanus, 61)*: 25 (1989)—New Caledonia.
- metius H. St. John, *Pandanus in Leeward Soc. Is., Meetia*, & Henderson (Rev. Gen. Pandanus, 49): 20 (1989)—Society Is.
- minimus H. St. John, *Pandanus of New Hebrides (Revis. Gen. Pandanus, 60)*: 16 (1989)—Vanuatu.
- minyocephalus H. St. John, *Pandanus of New Caledonia (Revis. Gen. Pandanus, 61)*: 60 (1989), nom. nov.: *P. tectorius* var. *microcephalus* Martelli.
- montaguei H. St. John, *Pandanus in Leeward Soc. Is., Meetia*, & Henderson (Rev. Gen. Pandanus, 49): 21 (1989)—Henderson Is.
- mooreaensis H. St. John, *Pandanus in Leeward Soc. Is., Meetia*, & Henderson (Rev. Gen. Pandanus, 49): 23 (1989)—Society Is.
- motuensis H. St. John, *Rev. Gen. Pandanus, 50, Austral Is., French Polynesia*: 17 (1989)—Tubuai Is.
- multidentatus H. St. John, *Pandanus of New Hebrides (Revis. Gen. Pandanus, 60)*: 3 (1989)—Vanuatu.
- mussauensis H. St. John, *Pandanus Bismarck & Admiralty Is. (Rev. Gen. Pandanus, 51)*: 10 (1989)—St. Matthias Is.
- neomecklenburgensis H. St. John, *Pandanus Bismarck & Admiralty Is. (Rev. Gen. Pandanus, 51)*: 38 (1989)—New Ireland.
- ngunaensis H. St. John, *Pandanus of New Hebrides (Revis. Gen. Pandanus, 60)*: 17 (1989)—Vanuatu.
- niueensis H. St. John, *Pandanus on Niue Is., Polynesia (Revis. Gen. Pandanus, 52)*: 3 (1989)—Niue.
- nogarete H. St. John, *Pandanus of New Hebrides (Revis. Gen. Pandanus, 60)*: 10 (1989)—Vanuatu.
- notialis H. St. John, *Rev. Gen. Pandanus, 50, Austral Is., French Polynesia*: 18 (1989)—Tubuai Is.
- noumeaensis H. St. John, *Pandanus of New Caledonia (Revis. Gen. Pandanus, 61)*: 62 (1989)—New Caledonia.
- novibritannicus H. St. John, *Pandanus Bismarck & Admiralty Is. (Rev. Gen. Pandanus, 51)*: 39 (1989)—New Britain.
- ×nullumiae R. Tucker in *Austrobaileya*, 2(3): 294 (1986)—Australia (Queensland). (*P. conicus* × *yalna*).
- oblaticonvexus H. St. John, *Pandanus of Tonga, Polynesia (Revis. Gen. Pandanus, 56)*: 9 (1989), nom. nov.: *P. odoratissimus* f. *major* Martelli.
- oblongicapitellatus K.L. Huynh in *Bot. Helvetica*, 98(2): 177 (1988)—Guinea.
- onesuaensis H. St. John, *Pandanus of New Hebrides (Revis. Gen. Pandanus, 60)*: 18 (1989)—Vanuatu.
- orarius H. St. John, *Pandanus in Leeward Soc. Is., Meetia*, & Henderson (Rev. Gen. Pandanus, 49): 24 (1989)—Society Is.
- otemanuensis H. St. John, *Pandanus in Leeward Soc. Is., Meetia*, & Henderson (Rev. Gen. Pandanus, 49): 25 (1989)—Society Is.
- ouveaensis H. St. John, *Pandanus of Loyalty Is. (Revis. Gen. Pandanus, 62)*: 10 (1990)—New Caledonia.
- pachys H. St. John, *Pandanus in Leeward Soc. Is., Meetia*, & Henderson (Rev. Gen. Pandanus, 49): 26 (1989)—Society Is.
- pakari H. St. John, *Pandanus of Cook Is. (Rev. Gen. Pandanus, 47)*: 11 (1989)—Cook Is.
- palmyraensis H. St. John, *Pandanus of Pacific Equatorial (Line) Is. (Revis. Gen. Pandanus, 58)*: 9 (1989), nom. nov.: *P. fischerianus* f. *bryanii* Stone.

PANDANUS :-

- paogo H. St. John, *Pandanus on Niue Is., Polynesia (Rev. Gen. Pandanus, 52)*: 4 (1989)—Niue, Samoa.
- parachevalieri K.-L. Huynh in *Bot. Jahrb.*, 110(1): 104 (1988)—Guinea.
- parkinsonii
var. *kukuwai* H. St. John, *Pandanus Bismarck & Admiralty Is. (Rev. Gen. Pandanus, 51)*: 12 (1989)—New Britain.
- parou H. St. John, *Pandanus of New Hebrides (Revis. Gen. Pandanus, 60)*: 19 (1989)—Vanuatu.
- parvicentralis K.-L. Huynh in *Fl. Gabon*, 28: 10 (1986)—Gabon.
- paucicarpellatus H. St. John, *Pandanus of Samoa (Revis. Gen. Pandanus, 54)*: 9 (1989)—Samoa.
- peekelii H. St. John, *Pandanus Bismarck & Admiralty Is. (Rev. Gen. Pandanus, 51)*: 3 (1989)—New Ireland.
- pinensis H. St. John, *Pandanus of New Caledonia (Revis. Gen. Pandanus, 61)*: 69 (1989)—New Caledonia.
- pistikos H. St. John, *Pandanus of Loyalty Is. (Revis. Gen. Pandanus, 62)*: 4 (1990)—New Caledonia.
- pistos H. St. John, *Pandanus of Loyalty Is. (Revis. Gen. Pandanus, 62)*: 5 (1990)—New Caledonia.
- pitcairniensis H. St. John, *Account of Fl. Pitcairn Is. with new Pandanus spp. (Pacific Pl. Stud. 46)*: 12 (1987)—Pitcairn Is.
- planatus H. St. John, *Pandanus of New Caledonia (Revis. Gen. Pandanus, 61)*: 28 (1989)—New Caledonia.
- planus H. St. John, *Rev. Gen. Pandanus, 50, Austral Is., French Polynesia*: 20 (1989)—Tubuai Is.
- pritchardiae H. St. John, *Pandanus of Loyalty Is. (Revis. Gen. Pandanus, 62)*: 13 (1990), as 'pritchardae'—Samoa.
- problematicus K.L. Huynh in *Bot. Helvetica*, 98(2): 190 (1988)—Sierra Leone.
- prolixus H. St. John, *Pandanus of Tuamotu Archip. (Revis. Gen. Pandanus, 53)*: 13 (1989)—Tuamotu Is.
- pseudochevalieri K.-L. Huynh in *Bot. Jahrb.*, 110(1): 99 (1988)—Guinea.
- pseudolinnaei (Martelli) H. St. John, *Pandanus of Tonga, Polynesia (Revis. Gen. Pandanus, 56)*: 11 (1989); *P. odoratissimus* var. *pseudo-Linnaei*.
- pukapukaensis H. St. John, *Remaining Polynesian spp. (Revis. Gen. Pandanus, 59)*: 2 (1989)—Cook Is.
- puniceus H. St. John, *Pandanus of Samoa (Revis. Gen. Pandanus, 54)*: 12 (1989)—Samoa.
- pusillus H. St. John, *Rev. Gen. Pandanus, 50, Austral Is., French Polynesia*: 22 (1989)—Tubuai Is.
- pweleensis H. St. John, *Pandanus of New Hebrides (Revis. Gen. Pandanus, 60)*: 21 (1989)—Vanuatu.
- pyramidos H. St. John, *Pandanus of New Hebrides (Revis. Gen. Pandanus, 60)*: 22 (1989)—Vanuatu.
- quinarius H. St. John, *Pandanus of New Hebrides (Revis. Gen. Pandanus, 60)*: 23 (1989)—Vanuatu.
- rabaulensis H. St. John, *Pandanus Bismarck & Admiralty Is. (Rev. Gen. Pandanus, 51)*: 42 (1989)—New Britain.
- radiatus H. St. John, *Rev. Gen. Pandanus, 50, Austral Is., French Polynesia*: 24 (1989)—Tubuai Is.
- radifer H. St. John, *Pandanus of New Hebrides (Revis. Gen. Pandanus, 60)*: 24 (1989)—Vanuatu.
- raiateaensis H. St. John, *Pandanus in Leeward Soc. Is., Meetia*, & Henderson (Rev. Gen. Pandanus, 49): 27 (1989)—Society Is.
- raroiaensis H. St. John, *Pandanus of Tuamotu Archip. (Revis. Gen. Pandanus, 53)*: 15 (1989)—Tuamotu Is.
- raynalii K.-L. Huynh in *Bot. Helvetica*, 98(1): 28 (1988)—Mali.
- recavilapideus H. St. John, *Pandanus of New Caledonia (Revis. Gen. Pandanus, 61)*: 30 (1989)—New Caledonia.
- recavisaxosus H. St. John, *Pandanus of New Caledonia (Revis. Gen. Pandanus, 61)*: 46 (1989)—New Caledonia.
- rectus H. St. John, *Pandanus of New Caledonia (Revis. Gen. Pandanus, 61)*: 31 (1989)—New Caledonia.
- rikiteaensis H. St. John, *Rev. Gen. Pandanus, Pt. 48, Gambier Is., Polynesia*: 9 (1988)—Tuamotu Is.
- rimateaensis H. St. John, *Rev. Gen. Pandanus, 50, Austral Is., French Polynesia*: 27 (1989)—Tubuai Is.

PANDANUS :-

- rurutuensis *H. St. John, Rev. Gen. Pandanus, 50, Austral Is., French Polynesia, 28 (1989)*—Tubuai Is.
- saltuarii *H. St. John, Rev. Gen. Pandanus, 50, Austral Is., French Polynesia: 30 (1989)*—Tubuai Is.
- samoanus (*Martelli*) *H. St. John, Pandanus of Samoa (Revis. Gen. Pandanus, 54): 14 (1989): P. calostigma f. samoana.*
- savaiensis (*Martelli*) *H. St. John, Pandanus of Samoa (Revis. Gen. Pandanus, 54): 14 (1989): P. tectorius var. savaiensis.*
- semipilaris *H. St. John, Pandanus of New Caledonia (Revis. Gen. Pandanus, 61): 63 (1989)*—New Caledonia.
- senegalensis *St. John ex K.L. Huynh in Candollea, 42(1): 135 (1987)*—Senegal.
- sierraleonensis *K.L. Huynh in Bot. Helvetica, 98(2): 174 (1988)*—Sierra Leone.
- sinuosus *H. St. John, Rev. Gen. Pandanus, Pt. 48, Gambier Is., Polynesia: 11 (1988)*—Tuamotu Is.
- spheniskos *H. St. John, Pandanus of New Caledonia (Revis. Gen. Pandanus, 61): 32 (1989)*—New Caledonia.
- spissus *H. St. John, Pandanus of New Caledonia (Revis. Gen. Pandanus, 61): 8 (1989)*—New Caledonia.
- stipiformis *H. St. John, Pandanus of New Caledonia (Revis. Gen. Pandanus, 61): 34 (1989)*—New Caledonia.
- subaequalis *H. St. John, Remaining Polynesian spp. (Revis. Gen. Pandanus, 59): 6 (1989)*—Wallis Is.
- subcylindricus *H. St. John, Pandanus of New Caledonia (Revis. Gen. Pandanus, 61): 35 (1989)*—New Caledonia.
- sykesii *H. St. John, Pandanus of Cook Is. (Rev. Gen. Pandanus, 47): 13 (1989)*—Cook Is.
- taepa (*F. Brown*) *H. St. John, Pandanus in Marquesas Is. (Revis. Gen. Pandanus, 57): 10 (1989): P. tectorius var. taepa.*
- tahaensis *H. St. John, Pandanus in Leeward Soc. Is., Meitia, & Henderson (Rev. Gen. Pandanus, 49): 28 (1989)*—Society Is.
- takaroensis *H. St. John, Pandanus of Tuamotu Archip. (Revis. Gen. Pandanus, 53): 17 (1989)*—Tuamotu Is.
- tapeinos *H. St. John, Pandanus in Leeward Soc. Is., Meitia, & Henderson (Rev. Gen. Pandanus, 49): 31 (1989)*—Society Is.
- taravaensis *H. St. John, Rev. Gen. Pandanus, Pt. 48, Gambier Is., Polynesia: 12 (1988)*—Tuamotu Is.
- tectorius
var. *exiguus* (*Moore*) *B.C. Stone in Bot. J. Linn. Soc., 97(1): 44 (1988): P. tahitensis var. exiguus.*
- tiassaleensis *K.-L. Huynh in Bot. Jahrb., 109(3): 354 (1988)*—Ivory Coast.
- tikeiensis *H. St. John, Pandanus of Tuamotu Archip. (Revis. Gen. Pandanus, 53): 19 (1989)*—Tuamotu Is.
- tima *H. St. John, Pandanus of Tuamotu Archip. (Revis. Gen. Pandanus, 53): 20 (1989)*—Tuamotu Is.
- timoensis *H. St. John, Pandanus of Tuamotu Archip. (Revis. Gen. Pandanus, 53): 21 (1989)*—Tuamotu Is.
- tongaensis *H. St. John, Pandanus of Tonga, Polynesia (Revis. Gen. Pandanus, 56): 12 (1989), nom. nov.: P. odoratissimus var. pyriformis Martelli in Univ. Calif. Publ. Bot., 12: 358 (1930).*
- tongatapuensis *H. St. John, Pandanus of Tonga, Polynesia (Revis. Gen. Pandanus, 56): 14 (1989)*—Tonga.
- trapeanus *H. St. John, Pandanus of Tuamotu Archip. (Revis. Gen. Pandanus, 53): 23 (1989)*—Tuamotu Is.
- triangularis *H. St. John ex K.L. Huynh in Bot. Helvetica, 98(2): 182 (1988)*—Sierra Leone.
- tritosphericus *H. St. John, Rev. Gen. Pandanus, Pt. 48, Gambier Is., Polynesia: 14 (1988)*—Tuamotu Is.
- tupaiensis *H. St. John, Pandanus in Leeward Soc. Is., Meitia, & Henderson (Rev. Gen. Pandanus, 49): 33 (1989)*—Society Is.
- uea *H. St. John, Pandanus in Leeward Soc. Is., Meitia, & Henderson (Rev. Gen. Pandanus, 49): 34 (1989)*—Society Is.

PANDANUS :-

- vahitahiensis *H. St. John, Pandanus of Tuamotu Archip. (Revis. Gen. Pandanus, 53): 25 (1989)*—Tuamotu Is.
- vavauensis *H. St. John, Pandanus of Tonga, Polynesia (Revis. Gen. Pandanus, 56): 15 (1989)*—Tonga.
- veillonii *H. St. John, Pandanus of New Caledonia (Revis. Gen. Pandanus, 61): 37 (1989)*—New Caledonia.
- verticalis *H. St. John, Pandanus of New Caledonia (Revis. Gen. Pandanus, 61): 38 (1989)*—New Caledonia.
- virginialis *H. St. John, Rev. Gen. Pandanus, 50, Austral Is., French Polynesia: 33 (1989)*—Tubuai Is.
- virii *H. St. John, Pandanus of Tuamotu Archip. (Revis. Gen. Pandanus, 53): 26 (1989)*—Tuamotu Is.
- wilderi *H. St. John, Pandanus of Cook Is. (Rev. Gen. Pandanus, 47): 15 (1989)*—Cook Is.
- yalna *R. Tucker in Austrobaileya, 2(3): 288 (1986)*—Australia (Queensland).
- yandeensis *H. St. John, Pandanus of New Caledonia (Revis. Gen. Pandanus, 61): 65 (1989)*—New Caledonia.
- yoshioi *H. St. John, Pandanus of Loyalty Is. (Revis. Gen. Pandanus, 62): 12 (1990)*—New Caledonia.
- yunckeri *H. St. John, Pandanus on Niue Is., Polynesia (Rev. Gen. Pandanus, 52): 5 (1989)*—Niue.

PANDIAKA (Amaranthac.).

- cylindrica (*Schweinf.*) *B.D. Jackson in Index Kewensis, 2: 409 (1894): Cyathula cylindrica.*
- heudelotii (*Moq.*) *B.D. Jackson in Index Kewensis, 2: 409 (1894): Achyranthes heudelotii.*
- involutrata (*Moq.*) *B.D. Jackson in Index Kewensis, 2: 409 (1894): Achyranthes involutrata.*

PANDOREA (Bignoniac.).

- pandorana
subsp. *austrocaledonica* (*Bureau*) *P.S. Green in Kew Bull., 45(2): 236 (1990): Tecoma austrocaledonica.*

PANICUM (Gramin.).

- subgen. *Agrostoides* (*Hitchcock*) *F.O. Zuloaga in T.R. Soderstrom et al. (eds.), Grass Syst. & Evol.: 292 (1987 publ. March 1988): P. group Agrostoidia.*
- sect. *Bulbosa* *F.O. Zuloaga in T.R. Soderstrom et al. (eds.), Grass Syst. & Evol.: 294 (1987 publ. March 1988).*
- sect. *Discrepantia* *F.O. Zuloaga in T.R. Soderstrom et al. (eds.), Grass Syst. & Evol.: 294 (1987 publ. March 1988).*
- sect. *Lorea* *F.O. Zuloaga in T.R. Soderstrom et al. (eds.), Grass Syst. & Evol.: 297 (1987 publ. March 1988).*
- sect. *Prionitia* *F.O. Zuloaga in T.R. Soderstrom et al. (eds.), Grass Syst. & Evol.: 294 (1987 publ. March 1988).*
- sect. *Rudgeana* (*Hitchcock*) *F.O. Zuloaga in Ann. Missouri Bot. Gard., 74(3): 470 (1987): P. Group Rudgeana.*
- subgen. *Steinchisma* (*Rafinesque*) *F.O. Zuloaga in T.R. Soderstrom et al. (eds.), Grass Syst. & Evol.: 300 (1987 publ. March 1988): gen. Steinchisma.*
- sect. *Tuerckheimiana* (*Hitchcock*) *F.O. Zuloaga in T.R. Soderstrom et al. (eds.), Grass Syst. & Evol.: 296 (1987 publ. March 1988): P. group Tuerckheimiana.*
- sect. *Valida* *F. Zuloaga & O. Morrone in Syst. Bot., 14(2): 228 (1989).*
- acostia* *R.D. Webster in Sida, 13(4): 396 (1989), nom. nov.: Acostia gracilis Sw.*
- acuminatum*
var. *densiflorum* (*Rand & Redfield*) *C.F. Reed in Phytologia, 67(6): 452 (1989): P. nitidum var. densiflorum.*
- var. *implicatum* (*Scribn.*) *C.F. Reed in Phytologia, 67(6): 452 (1989): P. implicatum.*
- var. *lindheimeri* (*Nash*) *C.F. Reed in Phytologia, 67(6): 452 (1989): P. lindheimeri.*
- var. *longiligulatum* (*Nash*) *C.F. Reed in Phytologia, 67(6): 452 (1989): P. longiligulatum.*
- var. *thurowii* (*Scribn. & Smith*) *C.F. Reed in Phytologia, 67(6): 452 (1989): P. thurowii.*
- var. *villosum* (*A. Gray*) *C.F. Reed in Phytologia, 67(6): 451 (1989): P. nitidum var. villosum.*

PANICUM :-

- ambiguum* (*DC.*) *Le Turquier de Longchamp, Fl. Environs de Rouen: 28 (1816): Paspalum ambiguum.*
- annuale* *H. St. John in Phytologia, 63(5): 368 (1987)*—Hawaiian Is.
- assurgens* *H. St. John in Phytologia, 63(5): 368 (1987)*—Hawaiian Is.
- baltodes* *H. St. John in Phytologia, 63(5): 368 (1987)*—Hawaiian Is.
- bifurcatum* *H. St. John in Phytologia, 63(5): 368 (1987)*—Hawaiian Is.
- bullockii* *S.A. Renvoize in Kew Bull., 44(3): 543 (1989)*—Zambia.
- cookei* *H. St. John in Phytologia, 63(5): 368 (1987)*—Hawaiian Is.
- curviflorum*
var. *suishaense* (*Hayata*) *J.F. Veldkamp in Blumea, 34(1): 81 (1989): Panicum suishaense.*
- dichotomum*
var. *clutei* (*Nash*) *C.F. Reed in Phytologia, 67(6): 452 (1989): P. clutei.*
- var. *ensifolium* (*Baldwin ex Elliott*) *C.F. Reed in Phytologia, 67(6): 453 (1989): P. ensifolium.*
- var. *tenuis* (*Muhl.*) *C.F. Reed in Phytologia, 67(6): 453 (1989): P. tenuis.*
- ekeanus* *H. St. John in Phytologia, 63(5): 369 (1987)*—Hawaiian Is.
- fauriei*
var. *carteri* (*Hosaka*) *G. Davidse in Ann. Missouri Bot. Gard., 77(3): 589 (1990): P. carteri.*
- var. *latius* (*St. John*) *G. Davidse in Ann. Missouri Bot. Gard., 77(3): 589 (1990): P. nubigenum var. latius.*
- furtivum* *H. St. John in Phytologia, 63(5): 369 (1987)*—Hawaiian Is.
- glandulopaniculatum* *S.A. Renvoize in Kew Bull., 44(3): 544 (1989)*—Malawi, Zambia, Zimbabwe, Mozambique, South Africa (Natal).
- hobbyi* *H. St. John in Phytologia, 63(5): 369 (1987)*—Hawaiian Is.
- honokowaiense* *H. St. John in Phytologia, 63(5): 369 (1987)*—Hawaiian Is.
- infravale H. St. John in Phytologia, 63(5): 369 (1987)*—Hawaiian Is.
- johnii* *S.M. Almeida in J. Bombay Nat. Hist. Soc., 83(1): 184 (1986)*—India.
- kahiliense* *H. St. John in Phytologia, 63(5): 369 (1987), as 'kahiliensis'*—Hawaiian Is.
- kahoolawense* *H. St. John in Phytologia, 63(5): 369 (1987)*—Hawaiian Is.
- kanaioense* *H. St. John in Phytologia, 63(5): 370 (1987)*—Hawaiian Is.
- kaonohuense* *H. St. John in Phytologia, 63(5): 370 (1987)*—Hawaiian Is.
- kasumense* *S.A. Renvoize in Kew Bull., 44(3): 546 (1989)*—Zimbabwe.
- knudsenii* *H. St. John in Phytologia, 63(5): 370 (1987)*—Hawaiian Is.
- kokecense* *H. St. John in Phytologia, 63(5): 370 (1987)*—Hawaiian Is.
- kukaiwaense* *H. St. John in Phytologia, 63(5): 370 (1987)*—Hawaiian Is.
- latzii* *R.D. Webster, Australian Paniceae (Poac.): 132 (1987)*—Australia (N. Terr., W. Australia, Queensland).
- lihauese* *H. St. John in Phytologia, 63(5): 370 (1987)*—Hawaiian Is.
- lineale* *H. St. John in Phytologia, 63(5): 370 (1987)*—Hawaiian Is.
- longiloreum* *M.M. Rahman in Kew Bull., 44(3): 485 (1989)*—Thailand, Vietnam.
- longivagatum* *H. St. John in Phytologia, 63(5): 370 (1987)*—Hawaiian Is.
- malikoense* *H. St. John in Phytologia, 63(5): 371 (1987)*—Hawaiian Is.
- maximum*
subsp. *pubescens* *M. Sharma in J. Econ. Taxon. Bot., 7(1): 106 (1985)*—India.
- mokuleiaense* *H. St. John in Phytologia, 63(5): 371 (1987)*—Hawaiian Is.
- nephelophilum*
var. *levius* *H. St. John in Phytologia, 63(5): 371 (1987)*—Hawaiian Is.
- ninoleense* *H. St. John in Phytologia, 63(5): 371 (1987)*—Hawaiian Is.
- nymphoides* *S.A. Renvoize in Kew Bull., 44(3): 545 (1989)*—Malawi.

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- oense *H. St. John in Phytologia*, 63(5): 371 (1987)—Hawaiian Is.
- ovale
var. *addisonii* (Nash) C.F. Reed in *Phytologia*, 67(6): 452 (1989); P. *addisonii*.
- pepeopaense *H. St. John in Phytologia*, 63(5): 371 (1987), nom. nov.: P. *imbricatum* var. *molokaiense Skotts.*
- perangustatum S.A. Renvoize in *Kew Bull.*, 44(3): 545 (1989)—Zambia.
- phippisii S.A. Renvoize in *Kew Bull.*, 44(3): 546 (1989)—Zambia.
- pilgerianum (Schweick.) W.D. Clayton in *Kew Bull.*, 42(2): 402 (1987); *Acroceras pilgerianum*.
- pseudoracemosum S.A. Renvoize in *Kew Bull.*, 44(3): 544 (1989)—Zambia, Tanzania, Burundi, Zaire.
- sabulorum
var. *patulum* (Scribn. & Merrill) C.F. Reed in *Phytologia*, 67(6): 452 (1989); P. *nashianum* var. *patulum*.
var. *thinium* (Hitchc. & Chase) C.F. Reed in *Phytologia*, 67(6): 452 (1989); P. *unciphyllum* var. *thinium*.
- serotinum (Walt.) C.C. Gmel., *Hort. Mag. Duc. Bad. Carlsruh.*: 194 (1811); cf. D.J. Mabberley in *Taxon*, 33(3): 440 (1984); Basionym not stated.
- simplex *H. St. John in Phytologia*, 63(5): 371 (1987)—Hawaiian Is.
- smithii M.M. Rahman in *Blumea*, 34(1): 173 (1989)—Vietnam.
- soderstromii F.O. Zuloaga & T. Sendulsky in *Ann. Missouri Bot. Gard.*, 75(2): 446 (1988)—Brazil.
- strigosum
var. *glabrescens* (Grisebach) C.F. Reed in *Phytologia*, 67(6): 452 (1989); P. *dichotomum* var. *glabrescens*.
var. *puberula* C.F. Reed in *Phytologia*, 67(6): 452 (1989), nom. nov.: P. *leucoblepharis Trin.*
- subglabrum *H. St. John in Phytologia*, 63(5): 372 (1987)—Hawaiian Is.
- subtiliracemosum S.A. Renvoize in *Kew Bull.*, 42(4): 922 (1987)—Brazil.
- sylvanum *H. St. John in Phytologia*, 63(5): 372 (1987)—Hawaiian Is.
- waikoloaense *H. St. John in Phytologia*, 63(5): 372 (1987)—Hawaiian Is.
- waimeaense *H. St. John in Phytologia*, 63(5): 372 (1987)—Hawaiian Is.
- wilburii *H. St. John in Phytologia*, 63(5): 372 (1987), as 'wilburii'—Hawaiian Is.
- wiliwiliniense *H. St. John in Phytologia*, 63(5): 372 (1987)—Hawaiian Is.
- zambesiense S.A. Renvoize in *Kew Bull.*, 44(3): 544 (1989)—Zimbabwe, Zambia.

PANISEA (Orchidac.).

- distelidia I.D. Lund in *Nordic J. Bot.*, 7(5): 519 (1987)—Thailand.
- tricallosa
var. *garrettii* I.D. Lund in *Nordic J. Bot.*, 7(5): 524 (1987)—Thailand.
- zeylanica (Hook. f.) L.V. Aver'yanov in *Bot. Zhurn.*, 73(3): 432 (1988); *Coclogyne zeylanica*.

PANOPSIS (Proteac.).

- cuaensis J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 612 (1987)—Venezuela.
- parimensis J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 612 (1987)—Venezuela.

PAPAVER (Papaverac.).

- sect. *Californicum* J.W. Kadereit in *Rhodora*, 90(861): 11 (1988).
- sect. *Dubia* A.D. Mikheev in *Bot. Zhurn.*, 71(6): 808 (1986).
- alberti A.D. Mikheev in *Bot. Zhurn.*, 71(6): 809 (1986)—U.S.S.R. (Caucasus).
- alpinum
subsp. *lapeyrousianum* (Guterm.) J.W. Kadereit in *Bot. Jahrb.*, 112(1): 84 (1990); P. *lapeyrousianum*.
- arachnoideum J.W. Kadereit in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 250 (1988 publ. 1989)—Turkey.
- argemone
subsp. *davisii* J.W. Kadereit in *Notes Roy. Bot. Gard. Edinburgh*, 44(1): 38 (1986)—Turkey.

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- f. littoralis* R. Corillon, C. Figureau & M. Godeau in *Bull. Soc. Sci. Nat. Ouest France*, n.s., 9(4): 151 (1987), without type—France.
- subsp. *meikleii* J.W. Kadereit in *Notes Roy. Bot. Gard. Edinburgh*, 44(1): 38 (1986), as 'meiklii'—Cyprus.
- subsp. *minus* (Boiv.) J.W. Kadereit in *Notes Roy. Bot. Gard. Edinburgh*, 44(1): 39 (1986); *Closterandra minor*.
- subsp. *nigrotinctum* (Fedde) J.W. Kadereit in *Notes Roy. Bot. Gard. Edinburgh*, 44(1): 37 (1986); P. *nigrotinctum*.
- baitagense R.V. Kamelin & I.A. Gubanov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 95(2): 86 (1990)—Mongolia.
- changaicum R.V. Kamelin in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 95(2): 87 (1990)—Mongolia.
- commutatum
subsp. *euxinum* J.W. Kadereit in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 257 (1988 publ. 1989)—Turkey.
- dubium
subsp. *erosum* (Litv.) J.W. Kadereit in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 246 (1988 publ. 1989); P. *laevigatum* var. *erosum*.
subsp. *glabrum* (Royle) J.W. Kadereit in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 247 (1988 publ. 1989); P. *glabrum*.
subsp. *laevigatum* (M. Bieb.) J.W. Kadereit in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 244 (1988 publ. 1989); P. *laevigatum*.
- gorgoneum
subsp. *theresias* J.W. Kadereit & W. Lobin in *Nordic J. Bot.*, 9(6): 646 (1990)—Cape Verde Is.
- ×kobayashii G. Simiscalco Ghigliano in *Delpinoa*, 23–24: 68 (1981–1982 publ. 1985)—Cultivation. (P. *bracteatum* × *somniferum*).
- macrostomum
var. *bornmuelleri* (Fedde) J.W. Kadereit in *Nordic J. Bot.*, 7(5): 504 (1987); P. *bornmuelleri*.
var. *dalechianum* (Fedde) J.W. Kadereit in *Nordic J. Bot.*, 7(5): 504 (1987); P. *dalechianum*.
- montenegrinum (J. Rohlena) A.W. Hill in *Index Kewensis*, Supp. 6: 145 (1916–1920 publ. 1926); P. *rhoeas* var. *montenegrinum*.
- nudicaule
var. *glabricarpum* P.Y. Fu in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 17 (1989)—China.
var. *seticarpum* P.Y. Fu in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 18 (1989)—China.
- pavoninum
subsp. *ocellatum* (Woron) J.W. Kadereit in *Notes Roy. Bot. Gard. Edinburgh*, 44(1): 30 (1986); P. *ocellatum*.
- persicum
var. *brachycarpum* (O. Kuntze) Kit Tan in *Pl. Syst. Evol.*, 154(1–2): 113 (1986); P. *pilosum* var. *brachycarpum*.
subsp. *fulvum* Kit Tan & F. Sorger in *Pl. Syst. Evol.*, 154(1–2): 111 (1986)—Turkey.
- purpureomarginatum J.W. Kadereit in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 235 (1988 publ. 1989)—Turkey, Karpathos, East Aegean Is., Crete, Greece, Cyprus.
- radicatum
var. *pygmaeum* (Rydb.) S.L. Welsh in *Great Basin Nat.*, 46(2): 259 (1986); P. *pygmaeum*.
- rechingeri J.W. Kadereit in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 249 (1988 publ. 1989)—Iraq, Iran.
- rubroaurantiacum
subsp. *chalchorum* R.V. Kamelin in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 95(2): 88 (1990)—Mongolia.
- somniferum
var. *leucum* (Rothm.) K. Hammer in *Feddes Repert.*, 98(11–12): 555 (1987); P. *glaucum* var. *leucum*,
victoris M. Skornik & T. Wraber in *Biol. Vestn.*, 36(3): 82 (1988)—Yugoslavia.

PAPHINIA (Orchidac.).

- benzingii C.H. Dodson & T. Neudecker in *Orchidee*, 41(6): 233 (1990)—Ecuador.
- herrerae C.H. Dodson in *Ic. Pl. Trop.*, Ser. 2, 6: t. 565 (1989)—Ecuador.

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- hirtzii C.H. Dodson in *Ic. Pl. Trop.*, Ser. 2, 6: t. 566 (1989)—Ecuador.
- seegeri G. Gerlach in *Orchidee*, 40(1): 20 (1989)—Colombia.
- var. *semialba* G. Gerlach in *Orchidee*, 40(1): 21 (1989), as 'semi-alba'—Colombia.
- PAPHIOPEDILUM (Orchidac.).**
- sect. *Parvisepalum* (Karasawa & Saito) P. Cribb, *Genus Paphiopedilum*: 86 (1987); P. subgen. *Parvisepalum*.
- appletonianum
var. *immaculata* G.J. Braem, *Paphiopedilum*: 151 (1988)—Locality not stated.
- armeniicum
var. *mark-fun* J.A. Fowlie in *Orchid Dig.*, 51(4): 205 (1987), ? contrary to Art. 23.6 ICBN (1983)—China.
- braemii H. Mohr in *Orchideeën*, 51(6): 175 (1989)—Sumatra.
- bullenianum
var. *celesbesense* (Fowlie & Birk) P. Cribb, *Genus Paphiopedilum*: 167 (1987); P. *celesbesense*.
- callosum
var. *sublaeve* (Reichb. f.) P. Cribb, *Genus Paphiopedilum*: 188 (1987); *Cypripedium callosum* var. *sublaeve*.
var. *viridiflorum* (Hort.) G.J. Braem, *Paphiopedilum*: 199 (1988), basionym without descr. in cited publ.: *Cypripedium callosum* var. *viridiflorum*.
- chamberlainianum
var. *liemianum* (Fowlie) G.J. Braem, *Paphiopedilum*: 229 (1988); P. *chamberlainianum* subsp. *liemianum*.
var. *primulinum* (M.W. Wood & P. Taylor) G.J. Braem, *Paphiopedilum*: 230 (1988); P. *primulinum*.
- concolor
var. *album* G.J. Braem, *Paphiopedilum*: 51 (1988), without type—Locality not stated.
- dollii E. Lückel in *Orchidee*, 38(5): 266 (1987)—China.
- emersonii H. Koopowitz & P. Cribb in *Orchid Advocate*, 12(3): 86 (1986)—China.
- ×expansum J. Atwood in *Orchid Rev.*, 97(1148): 183 (1989)—Philippine Is. (P. *hennisianum* × *philippinense*).
- glanduliferum
var. *gardineri* G.J. Braem, *Paphiopedilum*: 69 (1988), without type—Locality not stated.
- var. *praestans* (Rchb. f.) G.J. Braem, *Paphiopedilum*: 69 (1988); *Cypripedium praestans*.
var. *wilhelminae* (L.O. Williams) P.J. Cribb in *Kew Mag.*, 3(4): 160 (1986); et P. Cribb, *Genus Paphiopedilum*: 111 (1987); P. *wilhelminae*.
- ×godefroyae
var. *ang-thong* (Fowlie) G.J. Braem, *Paphiopedilum*: 57 (1988); P. × *ang-thong*.
- hainanense J.A. Fowlie in *Orchid Dig.*, 51(2): 69 (1987), as 'hainanensis'—Hainan.
- hennisianum
var. *fowliei* (Birk) P. Cribb, *Genus Paphiopedilum*: 190 (1987); P. *fowliei*.
- henryanum G.J. Braem in *Schlechteriana*, 1(1): 4 (1987)—China, Vietnam.
- hirsutissimum
var. *chiwuanum* (Tang & Wang) P. Cribb, *Genus Paphiopedilum*: 140 (1987); P. *chiwuanum*.
var. *esquirolei* (Schltr.) P. Cribb, *Genus Paphiopedilum*: 140 (1987); P. *esquirolei*.
- hookerae
var. *volonteanum* (Sander) G.J. Braem, *Paphiopedilum*: 147 (1988); *Cypripedium volonteanum*.
- insigne
var. *barbigerum* (Tang & Wang) G.J. Braem, *Paphiopedilum*: 113 (1988); P. *barbigerum*.
- lawrenceanum
var. *hyeanum* (L. Linden & Rodigas) G.J. Braem, *Paphiopedilum*: 203 (1988); *Cypripedium lawrenceanum* var. *hyeanum*.
- lowii
var. *aureum* P.J. Cribb in *Orchid Rev.*, 98(1158): 109 (1990)—Borneo (Sarawak).

PAPHIOPEDILUM:-

- markianum *J.A. Fowlie in Orchid Dig.*, 54(3): 125 (1990)—China.
 micranthum
var. eburneum J.A. Fowlie in Orchid Dig., 53(3): 133 (1989), without latin descr. or type—China.
var. marginatum J.A. Fowlie in Orchid Dig., 53(3): 139 (1989), without latin descr. or type—China.
 mohrianum *G.J. Braem in Orchid Dig.*, 53(2): 73 (1989)—Lesser Sunda Is.
 philippinense
var. roebelenii (Veitch) P. Cribb, Genus Paphiopedilum: 100 (1987): Cypripedium philippinense *var. roebelenii*.
 primulinum
var. purpurascens (M. Wood) P. Cribb, Genus Paphiopedilum: 131 (1987): *P. victoria-regina* f. *purpurascens*.
 richardianum *J.H. Asher & J.H. Beaman in Orchid Dig.*, 52(2): 61 (1988)—Celebes.
 sangii *G.J. Braem in Orchidee*, 38(4): 169 (1987)—Celebes.
 schoseri *G.J. Braem & H. Mohr in Schlechteriana*, 1(2): 19 (1988)—Moluccas.
 superbiens
var. curtisii (Rech. f.) G.J. Braem, Paphiopedilum: 214 (1988): Cypripedium curtisii.
var. sanderae (Curtis) G.J. Braem, Paphiopedilum: 214 (1988): Cypripedium curtisii *var. sanderae*.
 tigrinum *H. Koopowitz & N. Hasegawa in Orchid Advocate*, 16(3): 78 (1990)—China.
 topperi *G.J. Braem & H. Mohr in Schlechteriana*, 1(2): 15 (1988)—Borneo (Kalimantan).
 villosum
var. affine (De Wildeman) G.J. Braem, Paphiopedilum: 119 (1988): *P. affine*.
var. gratixianum (Masters) G.J. Braem, Paphiopedilum: 119 (1988): Cypripedium gratixianum.

PAPYRUS (Cyperac.).

- auricomus (*Sieb. ex Spreng.*) *Schrad., Ind. Sem. Hort. Acad. Gott.*, 1835: 5 (1835); *cf. D.J. Mabberley in Taxon*, 33(3): 443 (1984): *Cyperus auricomus*.

PARABOEA (Gesneriac.).

- barbatipes *K.Y. Pan in Acta Phytotax. Sin.*, 26(6): 441 (1988)—China.
 nagalandiana *D.B. Deb & R. Dutta in J. Bombay Nat. Hist. Soc.*, 85(1): 168 (1988)—India.
 rufescens
var. umbellata (Drake) K.Y. Pan in Fl. Reipubl. Popul. Sin., 69: 467 (1990): *Boea umbellata*.

PARACARYUM (Boraginac.).

- crista-galli (*Rech. f. & H. Riedl*) *D. Heller in D. Heller & C.C. Heyn, Consect. Fl. Oriental.*, 3: 93 (1986): *Mattiastrium crista-galli*.
 densum (*Rech. f. & H. Riedl*) *D. Heller in D. Heller & C.C. Heyn, Consect. Fl. Oriental.*, 3: 93 (1986): *Mattiastrium densum*.
 gorganicum (*H. Riedl*) *D. Heller in D. Heller & C.C. Heyn, Consect. Fl. Oriental.*, 3: 93 (1986): *Mattiastrium gorganicum*.
 nigrum (*H. Riedl*) *D. Heller in D. Heller & C.C. Heyn, Consect. Fl. Oriental.*, 3: 94 (1986): *Mattiastrium nigrum*.
 pygmaeum (*Rech. f.*) *D. Heller in D. Heller & C.C. Heyn, Consect. Fl. Oriental.*, 3: 95 (1986): *Mattiastrium pygmaeum*.

PARACHAMPIONELLA (Acanthac.).

- glandulifera (*Hatusima*) *S.S. Ying in Quart. J. Chinese Forest.*, 21(2): 113 (1988): *Strobilanthes glandulifera*.

PARACTAENUM (Gramin.).

- novae-hollandiae
subsp. reversum (F. Muell.) R.D. Webster, Australian Paniceae (Poac.): 147 (1987): *Panicum reversum*.
 refractum (*F. Muell.*) *R.D. Webster, Australian Paniceae (Poac.)*: 148 (1987): *Setaria refracta*.

PARADERIS (Miq.) *R. Geesink, Scala*

- Millettiarum (Leiden Bot. Ser.)*, 8: 109 (1984): *Derris* sect. *Paraderris* (Legumin.).
 cuneifolia (*Benth.*) *R. Geesink, Scala Millettiarum (Leiden Bot. Ser.)*, 8: 109 (1984): *Derris cuneifolia*.

PARAEREMOSTACHYS *T.A. Adylov, R.V. Kamelin & A.M. Makhmedov in Novosti Sist. Vyssh. Rast.*, 23: 112 (1986). **LABIATAE.**

- sect. *Thyrsiflorae (Rech. f.) T.A. Adylov, R.V. Kamelin & A.M. Makhmedov in Novosti Sist. Vyssh. Rast.*, 23: 113 (1986): *Eremostachys* sect. *Thyrsiflorae*.
 ammophila (*Rech. f.*) *T.A. Adylov, R.V. Kamelin & A.M. Makhmedov in Novosti Sist. Vyssh. Rast.*, 23: 114 (1986): *Eremostachys ammophila*.
 anisochila (*Pazij & Vved.*) *T.A. Adylov, R.V. Kamelin & A.M. Makhmedov in Novosti Sist. Vyssh. Rast.*, 23: 113 (1986): *Eremostachys anisochila*.
 aralensis (*Bunge*) *T.A. Adylov, R.V. Kamelin & A.M. Makhmedov in Novosti Sist. Vyssh. Rast.*, 23: 113 (1986): *Eremostachys aralensis*.
 badakhschanica (*Hedge*) *T.A. Adylov, R.V. Kamelin & A.M. Makhmedov in Novosti Sist. Vyssh. Rast.*, 23: 113 (1986): *Eremostachys badakhschanica*.
 desertorum (*Regel*) *T.A. Adylov, R.V. Kamelin & A.M. Makhmedov in Novosti Sist. Vyssh. Rast.*, 23: 113 (1986): *Eremostachys desertorum*.
 dshungarica (*M. Pop.*) *T.A. Adylov, R.V. Kamelin & A.M. Makhmedov in Novosti Sist. Vyssh. Rast.*, 23: 113 (1986): *Eremostachys phlomoides* f. *dshungarica*.
 ghorana (*Rech. f.*) *T.A. Adylov, R.V. Kamelin & A.M. Makhmedov in Novosti Sist. Vyssh. Rast.*, 23: 114 (1986): *Eremostachys ghorana*.
 karatavica (*Pav.*) *T.A. Adylov, R.V. Kamelin & A.M. Makhmedov in Novosti Sist. Vyssh. Rast.*, 23: 113 (1986): *Eremostachys karatavica*.
 lindbergii (*Rech. f.*) *T.A. Adylov, R.V. Kamelin & A.M. Makhmedov in Novosti Sist. Vyssh. Rast.*, 23: 114 (1986): *Eremostachys lindbergii*.
 paniculata (*Regel*) *T.A. Adylov, R.V. Kamelin & A.M. Makhmedov in Novosti Sist. Vyssh. Rast.*, 23: 113 (1986): *Eremostachys paniculata*.
 persimilis (*Aitch. & Hemsl.*) *T.A. Adylov, R.V. Kamelin & A.M. Makhmedov in Novosti Sist. Vyssh. Rast.*, 23: 114 (1986): *Eremostachys persimilis*.
 phlomoides (*Bunge*) *T.A. Adylov, R.V. Kamelin & A.M. Makhmedov in Novosti Sist. Vyssh. Rast.*, 23: 113 (1986): *Eremostachys phlomoides*.
 sogdiana (*Pazij & Vved.*) *T.A. Adylov, R.V. Kamelin & A.M. Makhmedov in Novosti Sist. Vyssh. Rast.*, 23: 113 (1986): *Eremostachys sogdiana*.
 thyrsiflora (*Benth.*) *T.A. Adylov, R.V. Kamelin & A.M. Makhmedov in Novosti Sist. Vyssh. Rast.*, 23: 113 (1986): *Eremostachys thyrsiflora*.
 transoxana (*Bunge*) *T.A. Adylov, R.V. Kamelin & A.M. Makhmedov in Novosti Sist. Vyssh. Rast.*, 23: 113 (1986): *Eremostachys transoxana*.

PARAFESTUCA *E.B. Alekseev in Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 90(5): 107 (1985). **GRAMINEAE.**

- albida (*Lowe*) *E.B. Alekseev in Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 90(5): 108 (1985): *Festuca albida*.

PARAGUTZLAFFIA *H.P. Tsui in Acta Bot. Yunnanica*, 12(3): 273 (1990). **ACANTHACEAE.**

- henryi (*Hemsl.*) *H.P. Tsui in Acta Bot. Yunnanica*, 12(3): 274 (1990): *Strobilanthes henryi*.
 lyi (*Lévl.*) *H.P. Tsui in Acta Bot. Yunnanica*, 12(3): 274 (1990): *Ruellia lyi*.

PARAHEBE (Scrophulariac.).

- decorosa (*F. Muell.*) *B.G. Briggs & F. Ehrendorfer in Fl. S. Australia*, 3: 1301 (1986): *Veronica decorosa*.

PARALEPISTEMON *J. Lejoly & S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 56(1-2): 196 (1986). **CONVOLVULACEAE.**

- curtoi (*Rendle*) *J. Lejoly & S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 272 (1987): *Ipomoea curtoi*.
 shirensis (*Oliv.*) *J. Lejoly & S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 56(1-2): 197 (1986): *Ipomoea shirensis*.

PARAMAMMEA *J.F. Leroy in Compt. R. Hebd. Séances Acad. Sci., D (Paris)*, 284(16): 1524 (1977). **GUTTIFERAE.**

- megaphylla *J.F. Leroy in Compt. R. Hebd. Séances Acad. Sci., D (Paris)*, 284(16): 1524 (1977)—Madagascar.

PARAMOMUM *S.Q. Tong in Acta Bot. Yunnanica*, 7(3): 309 (1985). **ZINGIBERACEAE.**

- petaloideum *S.Q. Tong in Acta Bot. Yunnanica*, 7(3): 310 (1985)—China.

PARAMYRCIARIA (Myrtac.).

- ciliolata (*Camb.*) *A.D. Rotman in Bol. Soc. Argent. Bot.*, 24(3-4): 418 (1986): *Eugenia ciliolata*.

PARAPHLOMIS (Labiata.).

- albida
f. shanghangensis Y.T. Chang & H.B. Chen in Fl. Fujianica, 4: 633 (1989 publ. 1990)—China.
 shunchangensis *Z.Y. Li & M.S. Li in Fl. Fujianica*, 4: 633 (1989 publ. 1990)—China.

PARAPHOLIS (Gramin.).

- longiflora (*Grossh.*) *S.G. Musaev in Bot. Zhurn.*, 72(1): 94 (1987): *Lepturus incurvatus* *var. longiflorus*.

PARAPIPTADENIA (Legumin.).

- zehntneri (*Harms*) *M.P.M. de Lima & H.C. de Lima in Rodriguésia*, 36(60): 26 (1984): *Piptadenia zehntneri*.

PARAPRENANTHES *Chang ex C. Shih in Acta Phytotax. Sin.*, 26(6): 418 (1988). **COMPOSITAE.**

- auriculiformis *C. Shih in Acta Phytotax. Sin.*, 26(6): 421 (1988)—China.
 heptantha *C. Shih & D.J. Liou in Acta Phytotax. Sin.*, 26(6): 423 (1988)—China.
 longiloba *Ling & C. Shih in Acta Phytotax. Sin.*, 26(6): 421 (1988)—China.
 multiformis *C. Shih in Acta Phytotax. Sin.*, 26(6): 420 (1988)—China.
 pilipes (*Migo*) *C. Shih in Acta Phytotax. Sin.*, 26(6): 424 (1988): *Mycelis sororia* *var. pilipes*.
 prenanthoides (*Hemsl.*) *C. Shih in Acta Phytotax. Sin.*, 26(6): 423 (1988): *Crepis prenanthoides*.
 sagittiformis *C. Shih in Acta Phytotax. Sin.*, 26(6): 420 (1988)—China.
 sororia (*Miq.*) *C. Shih in Acta Phytotax. Sin.*, 26(6): 422 (1988): *Lactuca sororia*.
 sylvicola *C. Shih in Acta Phytotax. Sin.*, 26(6): 419 (1988)—China.
 thirionii (*Lévl.*) *C. Shih in Acta Phytotax. Sin.*, 26(6): 424 (1988): *Lactuca thirionii*.
 yunnanensis (*Franch.*) *C. Shih in Acta Phytotax. Sin.*, 26(6): 421 (1988): *Lactuca yunnanensis*.

PARAPTEROCERAS *L.V. Aver'yanov in Bot. Zhurn.*, 75(5): 723 (1990). **ORCHIDACEAE.**

- carnosum (*Seidenf.*) *L.V. Aver'yanov in Bot. Zhurn.*, 75(5): 723 (1990): *Tuberolabium carnosum*.
 elobe (*Seidenf.*) *L.V. Aver'yanov in Bot. Zhurn.*, 75(5): 723 (1990): *Pteroceras elobe*.

PARARDISIA *M.P. Nayar & G.S. Giri in Bull. Bot. Surv. India*, 28(1-4): 247 (1986 publ. 1988). **MYRSINACEAE.**

- gamblei *M.P. Nayar & G.S. Giri in Bull. Bot. Surv. India*, 28(1-4): 250 (1986 publ. 1988)—Borneo (Sarawak).
 involucrata (*Kurz*) *M.P. Nayar & G.S. Giri in Bull. Bot. Surv. India*, 28(1-4): 248 (1986 publ. 1988): *Ardisia involucrata*.

PARASTEMON (Chrysobalanac.).

- grandifrutus *G.T. France in Brittonia*, 39(3): 366 (1987)—Borneo (Sarawak, Sabah).

PARATHESIS (Myrsinac.).

- baruana *C.L. Lundell in Phytologia*, 59(6): 433 (1986)—Panama.
 longipetiolata *C.L. Lundell in Phytologia*, 63(2): 78 (1987)—Costa Rica.
 obovalifolia *C.L. Lundell in Phytologia*, 63(2): 78 (1987)—Costa Rica.

PARIETARIA (Urticac.).

- cardiostegia *W. Greuter in Fl. Australia*, 3: 190, 92 (1989)—Australia (New South Wales, W. Australia, N. Terr., S. Australia), Tasmania.

PARINARI (Chrysobalanac.).

- costata
 subsp. polyneura (Miq.) G.T. Prance in *Brittonia*, 39(3): 368 (1987); P. polyneuronum.
 subsp. rubiginosa (Ridley) G.T. Prance in *Brittonia*, 39(3): 368 (1987); P. costatum var. rubiginosum.
 papuana
 subsp. salomonensis (C.T. White) G.T. Prance in *Brittonia*, 39(3): 369 (1987); P. salomonensis.
 subsp. whitei G.T. Prance in *Brittonia*, 39(3): 369 (1987)—New Guinea (Papua New Guinea, W. Irian).

PARIS (Trilliace.).

- sect. Thibetica H. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 132 (1986).
 cronquistii
 var. xichouensis H. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 113 (1986)—China.
 delavayi
 var. ovalifolia H. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 115 (1986)—China.
 fargesii
 var. brevipedalata (Huang & Yang) Huang & K.C. Yang in *Taiwania*, 34(1): 52 (1989); *Daiswa fargesii* var. *brevipedalata*.
 polyphylla
 var. alba H. Li & R.J. Mitchell in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 123 (1986)—China.
 f. latifolia (Wang & Chang) H. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 125 (1986); P. polyphylla var. latifolia.
 f. macrosepala H. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 127 (1986)—China.
 var. minor S.F. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 139 (1988)—China.
 var. nana H. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 123 (1986)—China.
 var. pseudothibetica H. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 126 (1986)—China.
 setchuenensis (Franch.) V.Yu. Barkalov in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 3: 171 (1988); P. quadrifolia var. setchuenensis.
 wenzianensis Z.X. Peng & R.N. Zhao in *Acta Bot. Bor.-Occid. Sin.*, 6(2): 133 (1986)—China.

PARKIA (Legumin.).

- balslevii H.C.F. Hopkins in *Fl. Neotrop.*, 43: 103 (1986)—Ecuador.
 biglobosa (Jacq.) R. Br. ex G. Don f. in *Loud. Hort. Brit.*: 277 (1830); cf. D.J. Mabberley in *Bot. Macaronesica*: 6: 65 (1980); *Mimosa biglobosa*.

PARNASSIA (Parnassiace.).

- sect. Allolobos T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 46 (1987).
 ser. Amoena T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 51 (1987).
 ser. Fimbrietalum T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 51 (1987).
 ser. Gansuensis T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 52 (1987).
 ser. Lijiangense T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 43 (1987).
 ser. Luteae T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 31 (1987).
 sect. Nectarobilobos T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 46 (1987).
 sect. Nectaroquinquelobos T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 52 (1987).
 ser. Nectaroquinquelobos T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 55 (1987).
 subsect. Nectarotrilobos T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 31 (1987).
 ser. Nectarotrilobos T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 32 (1987).
 sect. Odontohymen T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 29 (1987).
 ser. Rosulatae T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 28 (1987).
 ser. Saxifragastrum T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 22 (1987).
 subsect. Xiphosandra (Franch.) T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 44 (1987); P. sect. Xiphosandra.
 angustipetala T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 23 (1987)—China.

PARNASSIA :-

- aphylla T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 31 (1987)—Xizang, China.
 cacuminum
 f. yushuensis T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 37 (1987)—China.
 chengkouensis T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 49 (1987)—China.
 cordata (Drude) Jien ex T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 37 (1987); P. nubicola var. cordata.
 degeensis T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 30 (1987)—China.
 degenensis T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 41 (1987)—China.
 gansuensis T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 52 (1987)—China.
 humilis T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 27 (1987)—Xizang.
 kangdingensis T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 35 (1987)—China.
 lanceolata T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 34 (1987)—China.
 lijiangensis T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 43 (1987)—China.
 longipetala
 var. brevipedata Jien ex T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 23 (1987)—China.
 longshengensis T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 54 (1987)—China.
 omeiensis T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 47 (1987)—China.
 palustris
 var. izuinsularis H. Ohba in *J. Jap. Bot.*, 62(5): 139 (1987)—Japan.
 f. nana T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 56 (1987)—Xinjiang.
 f. rhodantha H. Ohba & Y. Umezumi in *J. Jap. Bot.*, 62(7): 208 (1987)—Japan.
 var. yakusimensis (Masamune) H. Ohba in *J. Fac. Sci. Univ. Tokyo, Bot.*, 14(2): 88 (1987); P. yakusimensis.
 subscaeposa C.Y. Wu ex T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 40 (1987)—China.
 tenuis (Wahlb.) A.P. Khokhryakov, *Analiz Fl. Kolym'skogo Nagor'ya*: 48 (1989); P. palustris var. tenuis.
 tenuis (Wahlb.) A.P. Khokhryakov & V.N. Pavlov in *Byull. Mosk. Obsch. Ispyt. Priv., Biol.*, 94(5): 100 (1989); P. palustris var. tenuis.
 tibetana Jien ex T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 38 (1987)—Xizang.
 yanyuanensis T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 26 (1987)—China.
 yiliangensis T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 48 (1987)—China.
 yulongshanensis T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 25 (1987)—China.

PARODIA (Cactac.).

- allosiphon (Marchesi) N.P. Taylor in *Bradleya*, 5: 93 (1987); *Notocactus allosiphon*.
 buiningii (F. Buxbaum) N.P. Taylor in *Bradleya*, 5: 93 (1987); *Notocactus buiningii*.
 caespitosa (Spegazzini) N.P. Taylor in *Bradleya*, 5: 93 (1987); *Echinocactus caespitosus*.
 concinna (Monville) N.P. Taylor in *Bradleya*, 5: 93 (1987); *Echinocactus concinnus*.
 crassigibba (F. Ritter) N.P. Taylor in *Bradleya*, 5: 93 (1987); *Notocactus crassigibbus*.
 erinacea (Haworth) N.P. Taylor in *Bradleya*, 5: 93 (1987); *Cactus erinaceus*.
 herteri (Werdermann) N.P. Taylor in *Bradleya*, 5: 93 (1987); *Echinocactus herteri*.
 horstii (F. Ritter) N.P. Taylor in *Bradleya*, 5: 93 (1987); *Notocactus horstii*.
 krahonii W. Weskamp in *Kakt. And. Sukk.*, 40(3): 60 (1989)—Bolivia.
 liliputana (Werdermann) N.P. Taylor in *Bradleya*, 5: 93 (1987); *Blossfeldia liliputana*.
 mammulosa (Lemaire) N.P. Taylor in *Bradleya*, 5: 93 (1987); *Echinocactus mammulosus*.
 mesembrina
 var. juanensis W. Weskamp in *Kakt. And. Sukk.*, 41(7): 123 (1990)—Argentina.

PARODIA :-

- microsperma
 subsp. horrida (Brandt) R. Kiesling & O. Ferrari in *Cact. Succ. J. (U.S.A.)*, 62(4): 198 (1990); P. horrida.
 mueller-melchersii (Backeberg) N.P. Taylor in *Bradleya*, 5: 93 (1987); *Notocactus mueller-melchersii*.
 nana W. Weskamp in *Kakt. And. Sukk.*, 41(9): 187 (1990)—Argentina.
 neohorstii (Theuissen) N.P. Taylor in *Bradleya*, 5: 93 (1987); *Notocactus neohorstii*.
 ottonis (Lehmann) N.P. Taylor in *Bradleya*, 5: 93 (1987); *Cactus ottonis*.
 var. tortuosa (Link & Otto) N.P. Taylor in *Bradleya*, 5: 93 (1987); *Echinocactus tortuosus*.
 rutilans (Daeniker & Krainz) N.P. Taylor in *Bradleya*, 5: 93 (1987); *Notocactus rutilans*.
 scopa (Sprengel) N.P. Taylor in *Bradleya*, 5: 93 (1987); *Cactus scopa*.
 succinea (F. Ritter) N.P. Taylor in *Bradleya*, 5: 93 (1987); *Notocactus succineus*.
 tillii W. Weskamp in *Succulenta*, 67(10): 210 (1988)—Bolivia.
 tucumanensis W. Weskamp in *Succulenta*, 69(6): 137 (1990)—Argentina.
 weberioides F. Brandt in *Letzeb. Cacteeffrenn*, 5(2): 29-34 (1984); cf. *Repert. Pl. Succ. (I.O.S.)*, 35: 5 (1985)—Locality not stated.
 werdermanniana (Herter) N.P. Taylor in *Bradleya*, 5: 93 (1987); *Notocactus werdermannianus*.

- PARODIOCHLOA** A.M. Molina in *Parodiana*, 4(1): 110 (1986). **GRAMINEAE**.
 trachyantha (Phil.) A.M. Molina in *Parodiana*, 4(1): 112 (1986); *Koeleria trachyantha*.

- PARODIOLYRA** T.R. Soderstrom & F.O. Zuloaga in *Smithsonian Contrib. Bot.*, 69: 64 (1989). **GRAMINEAE**.
 lateralis (Presl ex Nees von Esenbeck) T.R. Soderstrom & F.O. Zuloaga in *Smithsonian Contrib. Bot.*, 69: 66 (1989); *Panicum laterale*.
 luetzelburgii (Pilger) T.R. Soderstrom & F.O. Zuloaga in *Smithsonian Contrib. Bot.*, 69: 70 (1989); *Olyra luetzelburgii*.
 ramosissima (Trinius) T.R. Soderstrom & F.O. Zuloaga in *Smithsonian Contrib. Bot.*, 69: 73 (1989); *Olyra ramosissima*.

PARONYCHIA (Illecebrac.).

- setigera
 subsp. argillicola T.M. Pedersen in *Fl. Illustr. Entre Rios (Argent.)*, 3: 262 (1987)—Argentina.
 vulgaris Destreux, *Elenchus Pl.*: 32 (1821); cf. D.J. Mabberley in *Taxon*, 32(1): 85 (1983)—Locality not stated.

PARRYA (Crucif.).

- arabidiflora (DC.) Sweet, *Hort. Brit.*, ed. 2: 24 (1830); cf. D.J. Mabberley in *Taxon*, 31(1): 71 (1982); *Basionym* not stated.
 australis N.V. Pavlov in *Vestn. Akad. Nauk Kaz. SSR*, 1949(1): 28 (1949)—U.S.S.R. (Middle Asia).

PARTHENOCISSUS (Vitac.).

- thomsonii (M. Lawson) P. Singh & B.V. Shetty in *Taxon*, 35(3): 596 (1986); *Vitis thomsonii*.
 vicaryana (Kurze) H.B. Naithani, *Flow. Pl. India, Nepal & Bhutan*: 98 (1990); *Vitis vicaryana*.

PARVATIA (Lardizabalac.).

- elliptica (Hemsl.) M.P. Nayar & T.K. Paul in *Fasc. Fl. India*, 19: 36 (1988); *Stauntonia elliptica*.

PASACCARDOA (Compos.).

- jeffreii
 subsp. kasaiensis S. Lisowski in *Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 257 (1987)—Zaire, Angola.
 subsp. procumbens S. Lisowski in *Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 258 (1987)—Zaire.

PASANIA (Fagac.).

- brevicaudata
 var. arisanensis (Hayata) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 3: 248 (1988); *Quercus arisanensis*.

PASANIA :-

- kuarunensis (Tomiyama) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 3: 252 (1988): Synaedyris kuarunensis.
ternaticupula
f. subreticulata (Hayata) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 3: 252 (1988): Quercus subreticulata.

PASPALIDIUM (Gramin.).

- reflexum R.D. Webster, *Australian Paniceae* (Poac.): 166 (1987)—Australia (N. Terr., W. Australia, S. Australia).

PASPALUM (Gramin.).

- cinerascens (Doell) A.G. Burman & M.N.C. Bastos in *Bol. Mus. Paraense Emilio Goeldi, Bot.*, 4(2): 241 (1988), without exact basionym date: Panicum cinerascens.
concauum S.A. Renvoize in *Kew Bull.*, 42(4): 921 (1987)—Brazil.
cultratum (Trin.) A.G. Burman in *Acta Bot. Venezuel.*, 14(4): 90 (1987), without basionym ref.: Basionym not stated.
dispar
var. marahuacense H. Rodriguez R. in *Ernstia*, 52: 1 (1989)—Venezuela.
glabrinode (Hackel) O. Morrone & F. Zuloaga in *Darwiniana*, 29(1-4): 262 (1989): Panicum glabrinode.
kempffii T.J. Killeen in *Ann. Missouri Bot. Gard.*, 77(1): 179 (1990)—Bolivia.
lenticulare
f. intumescens (Doell) T.J. Killeen in *Ann. Missouri Bot. Gard.*, 77(1): 181 (1990): P. plicatum var. intumescens.
moluccanum Huber, *Cat. 1866*: 6 (1866); cf. D.J. Mabberley in *Taxon*, 34(3): 451 (1985)—Locality not stated.
multinervium A.G. Burman in *Acta Bot. Venezuel.*, 14(4): 90 (1987), nom. nov.: Thrasya reticulata Swallen.
peregrynium A.G. Burman & Figueiras in *Acta Bot. Venezuel.*, 14(4): 91 (1987), nom. nov.: Thrasya villosa Hitchc.
perspicinervium S.A. Renvoize in *Kew Bull.*, 42(4): 922 (1987)—Brazil.
potamophilum S.A. Renvoize in *Kew Bull.*, 42(4): 922 (1987)—Brazil.
uyucensis R.W. Pohl in *Ann. Missouri Bot. Gard.*, 73(2): 501 (1986)—Honduras.
venezuelanum (Chase) A.G. Burman in *Acta Bot. Venezuel.*, 14(4): 90 (1987): Thrasya venezuelana.
villosum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 105 (1784)—Japan.†

PASSERINA (Thymelaeac.).

- drakensbergensis O.M. Hilliard & B.L. Burtt, *Bot. South. Natal Drakensberg*: 233 (1987)—South Africa (Natal).

PASSIFLORA (Passiflorac.).

- sect. Colombiana L.K. Escobar in *Fl. Colombia*, 10: 26 (1988).
ser. Colombianae L.K. Escobar in *Fl. Colombia*, 10: 41 (1988).
sect. Discophora P.M. Jørgensen & J.E. Lawesson in *Nordic J. Bot.*, 7(2): 129 (1987).
sect. Fimbriatistipula L.K. Escobar in *Fl. Colombia*, 10: 61 (1988).
ser. Leptomischae L.K. Escobar in *Fl. Colombia*, 10: 27 (1988).
sect. Leptopoda Killip ex C. Feuillet & G. Cremers in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 87(4): 378 (1984), without type.
subgen. Manicata (Harms) L.K. Escobar in *Fl. Colombia*, 10: 92 (1988): P. ser. Manicatae.
sect. Parritana (Harms) L.K. Escobar in *Fl. Colombia*, 10: 58 (1988): P. ser. Parritanae.
subgen. Porphyropanthus L.K. Escobar in *Ann. Missouri Bot. Gard.*, 76(3): 884 (1989).
ser. Quindiansae L.K. Escobar in *Fl. Colombia*, 10: 37 (1988).
amazonica L.K. Escobar in *Ann. Missouri Bot. Gard.*, 76(3): 877 (1989)—Peru.
bicolorata Baxter in *Loud., Encycl. new ed.*: 1234 (1855); cf. D.J. Mabberley in *Taxon*, 30(1): 16 (1981)—Locality not stated.

PASSIFLORA :-

- caatingae L.K. Escobar in *Ann. Missouri Bot. Gard.*, 76(3): 880 (1989)—Brazil.
chlorina L.K. Escobar in *Phytologia*, 67(2): 132 (1989)—Brazil.
citrina J.M. MacDougal in *Ann. Missouri Bot. Gard.*, 76(1): 354 (1989)—Honduras, Guatemala.
colombiana L.K. Escobar in *Syst. Bot.*, 11(1): 95 (1986)—Colombia.
crenata C. Feuillet & G. Cremers in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 87(4): 378 (1984)—French Guiana.
cumbalensis
var. caucana L.K. Escobar in *Syst. Bot.*, 12(2): 242 (1987)—Colombia.
var. cuencana L.B. Holm-Nielsen & P.M. Jørgensen in *Fl. Ecuador*, 31(126): 75 (1988)—Ecuador.
var. goudotiana (Triana & Planchon) L.K. Escobar in *Syst. Bot.*, 12(2): 242 (1987): P. goudotiana.
var. macrochlamys (Harms) L.K. Escobar in *Syst. Bot.*, 12(2): 246 (1987): P. macrochlamys.
var. mesadenia (Killip) L.K. Escobar in *Syst. Bot.*, 12(2): 246 (1987): P. mesadenia.
var. orientalis L.B. Holm-Nielsen & P.M. Jørgensen in *Fl. Ecuador*, 31(126): 76 (1988)—Ecuador.
var. peruana L.K. Escobar in *Syst. Bot.*, 12(2): 249 (1987)—Peru.
var. pilosa L.K. Escobar in *Syst. Bot.*, 12(2): 249 (1987)—Ecuador.
var. sparrei (Holm-Nielsen) L.B. Holm-Nielsen & P.M. Jørgensen in *Fl. Ecuador*, 31(126): 76 (1988): P. sparrei.
deltoifolia L.B. Holm-Nielsen & J.E. Lawesson in *Ann. Missouri Bot. Gard.*, 74(3): 501 (1987)—Ecuador.
discophora P.M. Jørgensen & J.E. Lawesson in *Nordic J. Bot.*, 7(2): 127 (1987)—Ecuador.
eglandulosa J.M. MacDougal in *Ann. Missouri Bot. Gard.*, 75(4): 1658 (1988 publ. 1989)—Guatemala, Salvador, Honduras.
fanchonae C. Feuillet in *Candollea*, 41(1): 175 (1986)—French Guiana.
fernandezii L.K. Escobar in *Phytologia*, 66(1): 80 (1989)—Bolivia.
gilbertiana J.M. MacDougal in *Ann. Missouri Bot. Gard.*, 76(2): 610 (1989)—Costa Rica.
hirtiflora P.M. Jørgensen & L.B. Holm-Nielsen in *Nordic J. Bot.*, 7(2): 132 (1987)—Ecuador.
huamachucoensis L.K. Escobar in *Syst. Bot.*, 11(1): 88 (1986)—Peru.
jardinensis L.K. Escobar in *Mutisia*, 71: 4 (1988)—Colombia.
linearistipula L.K. Escobar in *Fl. Colombia*, 10: 39 (1988)—Colombia.
lobata (Killip) Hutch. ex J.M. MacDougal in *Phytologia*, 60(6): 446 (1986): Tetrastylis lobata.
malletii J.M. MacDougal in *Ann. Missouri Bot. Gard.*, 76(4): 1172 (1989)—Panama.
mayarum J.M. MacDougal in *Ann. Missouri Bot. Gard.*, 76(2): 615 (1989)—Mexico, Guatemala, Belize.
monadelphina P.M. Jørgensen & L.B. Holm-Nielsen in *Nordic J. Bot.*, 7(2): 129 (1987)—Ecuador.
montana L.B. Holm-Nielsen & J.E. Lawesson in *Ann. Missouri Bot. Gard.*, 74(3): 499 (1987)—Ecuador.
nubicola J.M. MacDougal in *Ann. Missouri Bot. Gard.*, 76(2): 608 (1989)—Costa Rica.
pacificana L.K. Escobar in *Mutisia*, 71: 1 (1988)—Colombia.
palenquensis L.B. Holm-Nielsen & J.E. Lawesson in *Ann. Missouri Bot. Gard.*, 74(3): 497 (1987)—Ecuador, Colombia.
pascoensis L.K. Escobar in *Ann. Missouri Bot. Gard.*, 76(3): 880 (1989)—Peru.
pergrandis L.B. Holm-Nielsen & J.E. Lawesson in *Ann. Missouri Bot. Gard.*, 74(3): 501 (1987)—Ecuador.
plumosa C. Feuillet & G. Cremers in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 87(4): 381 (1984)—French Guiana.
pusilla J.M. MacDougal in *Ann. Missouri Bot. Gard.*, 75(1): 392 (1988)—Nicaragua, Costa Rica.
rufostipulata C. Feuillet in *Candollea*, 41(1): 173 (1986)—French Guiana.
rugosa
var. venezolana L.K. Escobar in *Syst. Bot.*, 11(1): 90 (1986)—Venezuela, Colombia.
runa L.K. Escobar in *Syst. Bot.*, 11(1): 90 (1986)—Peru.

PASSIFLORA :-

- sanctae-barbarae L.B. Holm-Nielsen & P.M. Jørgensen in *Nordic J. Bot.*, 7(2): 132 (1987)—Ecuador.
sierrae L.K. Escobar in *Ann. Missouri Bot. Gard.*, 76(3): 884 (1989)—Colombia.
solomonii L.K. Escobar in *Ann. Missouri Bot. Gard.*, 76(3): 884 (1989)—Bolivia.
subpurpurea P.M. Jørgensen & L.B. Holm-Nielsen in *Nordic J. Bot.*, 7(2): 131 (1987)—Ecuador.
tenerifensis L.K. Escobar in *Mutisia*, 71: 6 (1988)—Colombia.
trifoliata
var. tarmensis L.K. Escobar in *Syst. Bot.*, 11(1): 93 (1986)—Peru.
tripartita
var. azuayensis L.B. Holm-Nielsen & P.M. Jørgensen in *Fl. Ecuador*, 31(126): 79 (1988)—Ecuador.
var. mollissima (Kunth) L.B. Holm-Nielsen & P.M. Jørgensen in *Fl. Ecuador*, 31(126): 80 (1988): Tacsonia mollissima.
uribei L.K. Escobar in *Fl. Colombia*, 10: 64 (1988), nom. nov.: P. albicans L. Uribe.
viridescens L.K. Escobar in *Phytologia*, 66(1): 81 (1989)—Peru.

PASTINACA (Umbellif.).

- argyrophylla D. Delipavlov in *Feddes Repert.*, 101(7-8): 342 (1990)—Bulgaria.

PATERSONIA (Iridac.).

- lanata
f. calvata D.A. Cooke in *Fl. Australia*, 46: 220, 23 (1986)—Australia (W. Australia).
rudis
subsp. velutina D.A. Cooke in *Fl. Australia*, 46: 220, 22 (1986)—Australia (W. Australia).
spirifolia G.J. Keighery in *Nuytsia*, 7(2): 137 (1990)—Australia (W. Australia).

×**PAULARA** hort. in *Orchid Rev.*, 94(1116): centre page pull-out p. 8 (1986). **ORCHIDACEAE**. (Ascozentrum × Doritis × Phalaenopsis × Renanthera × Vanda).

PAULLINIA (Sapindac.).

- anomophylla L. Radlkofer, *Monogr. Paullinia*: 106 (1895-96); et in *Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 172 (1895-96)—Brazil.
apoda L. Radlkofer, *Monogr. Paullinia*: 192 (1895-96); et in *Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 258 (1895-96)—Colombia.
bidentata L. Radlkofer, *Monogr. Paullinia*: 129 (1895-96); et in *Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 195 (1895-96)—Peru.
caloptera L. Radlkofer, *Monogr. Paullinia*: 208 (1895-96); et in *Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 274 (1895-96)—Brazil, Venezuela.
castaneifolia L. Radlkofer, *Monogr. Paullinia*: 116 (1895-96); et in *Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 182 (1895-96)—Brazil.
clathrata L. Radlkofer, *Monogr. Paullinia*: 172 (1895-96); et in *Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 238 (1895-96)—Brazil.
conduplicata L. Radlkofer, *Ergänz. Monogr. Serjania*: 100 (1886-87); et in *Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 16(1): 100 (1886)—Guyana.
costaricensis L. Radlkofer, *Ergänz. Monogr. Serjania*: 157 (1886-87); et in *Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 16(1): 157 (1886)—Nicaragua.
cristata L. Radlkofer, *Monogr. Paullinia*: 256 (1895-96); et in *Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 322 (1895-96)—Brazil.
curvicaulis L. Radlkofer, *Monogr. Paullinia*: 171 (1895-96); et in *Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 237 (1895-96)—Peru.
dasygonia L. Radlkofer, *Monogr. Paullinia*: 257 (1895-96); et in *Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 323 (1895-96)—French Guiana, Guyana, Trinidad.
dasystachya L. Radlkofer, *Monogr. Paullinia*: 204 (1895-96); et in *Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 270 (1895-96)—Peru, Bolivia.

PAULLINIA :-

- elongata L. Radlkofer, *Monogr. Paullinia*: 172 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 238 (1895-96)—Peru.
- excisa L. Radlkofer, *Monogr. Paullinia*: 207 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 273 (1895-96)—Tobago.
- fasciculata L. Radlkofer, *Monogr. Paullinia*: 58 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 124 (1895-96)—French Guiana, Tobago.
- firma L. Radlkofer, *Monogr. Paullinia*: 168 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 234 (1895-96)—Brazil.
- fistulosa L. Radlkofer, *Monogr. Paullinia*: 193 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 259 (1895-96)—Peru.
- fusififormis L. Radlkofer, *Monogr. Paullinia*: 155 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 221 (1895-96)—Brazil.
- glomerulosa L. Radlkofer, *Monogr. Paullinia*: 191 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 257 (1895-96)—Mexico, Panama, Venezuela.
- imberbis L. Radlkofer, *Monogr. Paullinia*: 111 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 177 (1895-96)—Brazil, French Guiana.
- japonica C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 380 (1784)—Japan.†
- laeta L. Radlkofer, *Monogr. Paullinia*: 129 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 195 (1895-96)—Peru.
- linearis L. Radlkofer, *Monogr. Paullinia*: 157 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 223 (1895-96)—Peru.
- livescens L. Radlkofer, *Monogr. Paullinia*: 182 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 248 (1895-96)—Brazil.
- macrocarpa L. Radlkofer, *Monogr. Paullinia*: 260 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 326 (1895-96)—Costa Rica.
- mallophylla L. Radlkofer, *Monogr. Paullinia*: 188 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 254 (1895-96)—Costa Rica.
- microsepala L. Radlkofer, *Monogr. Paullinia*: 187 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 253 (1895-96)—Windward Is., Leeward Is.
- neuroptera L. Radlkofer, *Monogr. Paullinia*: 178 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 244 (1895-96)—Windward Is.
- nobilis L. Radlkofer, *Monogr. Paullinia*: 205 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 271 (1895-96)—Peru, Brazil.
- parvibractea L. Radlkofer, *Monogr. Paullinia*: 152 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 218 (1895-96)—Brazil.
- platymisca L. Radlkofer, *Monogr. Paullinia*: 163 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 229 (1895-96)—Brazil.
- quitensis L. Radlkofer, *Monogr. Paullinia*: 203 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 269 (1895-96)—Ecuador.
- revoluta L. Radlkofer, *Monogr. Paullinia*: 251 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 317 (1895-96)—Brazil.
- rhomboidea L. Radlkofer, *Ergänz. Monogr. Serjania*: 23 (1886-87); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 16(1): 23 (1886)—Brazil.
- selenoptera L. Radlkofer, *Monogr. Paullinia*: 237 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 303 (1895-96)—Peru.
- stellata L. Radlkofer, *Monogr. Paullinia*: 153 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 219 (1895-96)—French Guiana.
- subauriculata L. Radlkofer, *Monogr. Paullinia*: 130 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 196 (1895-96)—Peru.
- subnuda L. Radlkofer, *Monogr. Paullinia*: 208 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 274 (1895-96)—French Guiana, Brazil, Panama, Costa Rica.

PAULLINIA :-

- ternata L. Radlkofer, *Monogr. Paullinia*: 189 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 255 (1895-96)—Brazil.
- trilatera L. Radlkofer, *Monogr. Paullinia*: 188 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 254 (1895-96)—Brazil.
- uloptera L. Radlkofer, *Monogr. Paullinia*: 255 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 321 (1895-96)—Brazil.
- urvilleoides L. Radlkofer, *Monogr. Paullinia*: 125 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 191 (1895-96)—Brazil.
- venezuelana L. Radlkofer, *Monogr. Paullinia*: 176 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 242 (1895-96)—Venezuela.
- venosa L. Radlkofer, *Monogr. Paullinia*: 164 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 230 (1895-96)—Surinam, Brazil.
- verrucosa L. Radlkofer, *Monogr. Paullinia*: 181 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 247 (1895-96)—Guyana.
- xestophylla L. Radlkofer, *Monogr. Paullinia*: 163 (1895-96); *et in Abh. Königl. Bayer. Akad. Wiss., Math.-Phys. Kl.*, 19(1): 229 (1895-96)—Brazil.

PAULOWNIA (Scrophulariac.).

- tomentosa
var. glabrata (Rehd.) S.Z. Qu in *Fl. Tsinlingensis*, 1(4): 319 (1983); P. glabrata.
- PAUSANDRA (Euphorbiac.).
fordii R. de S. Secco in *Bol. Mus. Paraense Emílio Goeldi, Bot.*, 3(1): 60 (1987)—French Guiana, Brazil.

PAVETTA (Rubiace.).

- diversicalyx D.M. Bridson in *Kew Bull.*, 42(1): 251 (1987)—Tanzania.
- johnstonii
subsp. breviloba D.M. Bridson in *Kew Bull.*, 42(1): 253 (1987)—Tanzania, Zambia.
- lynesei D.M. Bridson in *Kew Bull.*, 42(1): 253 (1987)—Tanzania.
- nitidissima D.M. Bridson in *Kew Bull.*, 42(1): 255 (1987)—Tanzania.
- subumbellata
var. subcoriacea D.M. Bridson in *Kew Bull.*, 42(1): 257 (1987)—Tanzania, Malawi.

PAVONIA (Malvac.).

- alia P.A. Fryxell, *Malvac. of Mexico (Syst. Bot. Monog.)*, 25: 315 (1988)—Mexico.
- baumliana P.A. Fryxell, *Malvac. of Mexico (Syst. Bot. Monog.)*, 25: 317 (1988)—Mexico.
- durangensis P.A. Fryxell, *Malvac. of Mexico (Syst. Bot. Monog.)*, 25: 321 (1988)—Mexico.
- falconensis P.A. Fryxell in *Contrib. Univ. Mich. Herb.*, 17: 165 (1990)—Venezuela.
- fryxelliana F.R. Fosberg & M.-H. Sachet in *Ceylon J. Sci., Biol. Sci.*, 15(1-2): 38 (1982 publ. 1985)—Sri Lanka.
- ×gledhillii M. Cheek in *Kew Bull.*, 44(1): 146 (1989)—Cultivation. (P. makoyana × multiflora).
- insperabilis P.A. Fryxell in *Contrib. Univ. Mich. Herb.*, 17: 168 (1990)—Peru.
- paludicola Nicolson ex P.A. Fryxell in *R.A. Howard, Fl. Lesser Antilles (Dicot. 2)*, 5: 241 (1989), nom. nov.: Malache scabra Vogel.
- uniflora (Sessé & Mocino) P.A. Fryxell in *Syst. Bot.*, 12(2): 279 (1987); Urena uniflora.
- venusta P.A. Fryxell in *Syst. Bot.*, 12(2): 279 (1987), nom. nov.: P. discolor Fryxell.
- windschii A. Krapovichas in *Prog. Resum. Soc. Bot. Brasil, XXXVI Congr. Nac. Bot., Curitiba*: 361 (1985), without latin descr. or type—Brazil.

PECTEILIS (Orchidac.).

- cochinchinensis (Gagnep.) L.V. Aver'yanov, *Prelim. list Vietnam. Orchids*, 2: 119 (1988); Parahabenaria cochinchinensis.

PECTIS (Compos.).

- amplifolia D.J. Keil in *Phytologia*, 67(4): 346 (1989)—Mexico.

PECTIS :-

- elongata
var. fasciculiflora (DC.) D.J. Keil in *Phytologia*, 67(4): 352 (1989); P. fasciculiflora.
- exilis D.J. Keil in *Phytologia*, 67(4): 349 (1989)—Mexico.
- ×floridana D.J. Keil in *Sida*, 11(4): 389 (1986)—U.S.A. (Florida). (P. glaucescens × prostrata).
- glaucescens (Cassini) D.J. Keil in *Sida*, 11(4): 386 (1986); Chthonia glaucescens.
- holochaeta (S.F. Blake) D.J. Keil in *Phytologia*, 67(4): 352 (1989); P. propetes var. holochaeta.
var. cana D.J. Keil in *Phytologia*, 67(4): 354 (1989)—Mexico.

PEDDIEA (Thymelaeac.).

- thulinii R.P.C. Temu in *Nordic J. Bot.*, 9(4): 405 (1989 publ. 1990)—Tanzania.

PEDICULARIS (Scrophulariac.).

- sect. Astenocaulus (Tsoong) T. Yamazaki in *H. Ohba & S.B. Malla, Himalayan Pl.*, 1 (Univ. Mus. Univ. Tokyo Bull., 31): 120 (1988); P. subgrex Astenocaulus.
- sect. Brachystachys (Tsoong) T. Yamazaki in *H. Ohba & S.B. Malla, Himalayan Pl.*, 1 (Univ. Mus. Univ. Tokyo Bull., 31): 105 (1988); P. subgrex Brachystachys.
- sect. Cryptorrhynchus T. Yamazaki in *H. Ohba & S.B. Malla, Himalayan Pl.*, 1 (Univ. Mus. Univ. Tokyo Bull., 31): 125 (1988).
- sect. Elephanteiceps T. Yamazaki in *H. Ohba & S.B. Malla, Himalayan Pl.*, 1 (Univ. Mus. Univ. Tokyo Bull., 31): 124 (1988).
- sect. Leptochilus T. Yamazaki in *H. Ohba & S.B. Malla, Himalayan Pl.*, 1 (Univ. Mus. Univ. Tokyo Bull., 31): 145 (1988).
- sect. Leptocladus T. Yamazaki in *H. Ohba & S.B. Malla, Himalayan Pl.*, 1 (Univ. Mus. Univ. Tokyo Bull., 31): 132 (1988).
- sect. Nothosigmantha (Tsoong) T. Yamazaki in *H. Ohba & S.B. Malla, Himalayan Pl.*, 1 (Univ. Mus. Univ. Tokyo Bull., 31): 107 (1988); P. subgrex Nothosigmantha.
- sect. Orthorrhynchus (Prain) T. Yamazaki in *H. Ohba & S.B. Malla, Himalayan Pl.*, 1 (Univ. Mus. Univ. Tokyo Bull., 31): 114 (1988); P. §§ Orthorrhynchaes.
- ser. Perpusillae Tsoong ex T. Yamazaki in *J. Jap. Bot.*, 61(3): 78 (1986).
- sect. Rhizophyllastrum (Tsoong) T. Yamazaki in *H. Ohba & S.B. Malla, Himalayan Pl.*, 1 (Univ. Mus. Univ. Tokyo Bull., 31): 139 (1988); P. subgrex Rhizophyllastrum.
- sect. Saccochilus T. Yamazaki in *H. Ohba & S.B. Malla, Himalayan Pl.*, 1 (Univ. Mus. Univ. Tokyo Bull., 31): 156 (1988).
- alaica A.D. Li in *Opred. Rast. Sred. Azii*, 9: 362 (1987)—U.S.S.R. (Middle Asia).
- anas
subsp. nepalensis (Yamaz.) T. Yamazaki in *J. Jap. Bot.*, 61(10): 300 (1986); P. cheilanthifolia subsp. nepalensis.
- anserantha
var. elevatogaleata (Yamazaki) T. Yamazaki in *H. Ohba & S.B. Malla, Himalayan Pl.*, 1 (Univ. Mus. Univ. Tokyo Bull., 31): 128 (1988); P. elevatogaleata.
- chamissonis
var. rebunensis T. Yamazaki in *J. Jap. Bot.*, 62(2): 54 (1987)—Japan.
- daochengensis H.P. Yang in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(1): 29 (1990)—China.
- deqinensis H.P. Yang in *Acta Phytotax. Sin.*, 28(2): 137 (1990)—China.
- dulongensis H.P. Yang in *Acta Phytotax. Sin.*, 28(2): 143 (1990)—China.
- gongshanensis H.P. Yang in *Acta Phytotax. Sin.*, 28(2): 143 (1990)—China.
- kolymensis A.P. Khokhryakov in *Biol. Rast. i Fl. Sev. Dal'n. Vostok. (ed. M.T. Mazurenko)*: 17 (1981)—U.S.S.R. (Soviet Far East).
- kungeica M.S. Baïtenov in *Izv. Akad. Nauk Kaz. SSR, Biol.*, 1990(4): 84 (1990)—U.S.S.R. (Middle Asia).
- longiflora
var. yinshanensis Z.Y. Chu & Y.Z. Zhao in *Acta Sci. Nat. Univ. Intramongolicae*, 19(1): 175 (1988)—China.

PEDICULARIS :-

- muguensis *T. Yamazaki in H. Ohba & S.B. Malla, Himalayan Pl., 1 (Univ. Mus. Univ. Tokyo Bull., 31): 104 (1988)*—Nepal.
- muscooides
subsp. himalayta *T. Yamazaki in J. Jap. Bot., 61(10): 298 (1986)*—Nepal.
- oxyrhyncha *T. Yamazaki in J. Jap. Bot., 61(10): 297 (1986)*—Nepal.
- paradoxa (*Prain*) *T. Yamazaki in J. Jap. Bot., 61(10): 299 (1986)*: *P. instar* var. *paradoxa*.
- rex
subsp. zayuensis *H.P. Yang in Acta Phytotax. Sin., 28(2): 136 (1990)*—Xizang.
- rizhaensis *H.P. Yang in Acta Phytotax. Sin., 28(2): 141 (1990)*—China.
- rohtangensis *B.S. Aswal, A.K. Goel & B.N. Mehrotra in Feddes Res. Publ., 101(3-4): 109 (1990)*—India.
- roylei
var. speciosa (*Prain*) *T. Yamazaki in H. Ohba & S.B. Malla, Himalayan Pl., 1 (Univ. Mus. Univ. Tokyo Bull., 31): 101 (1988)*: *P. roylei* subvar. *speciosa*.
- ruoergaensis *H.P. Yang in Acta Phytotax. Sin., 27(3): 222 (1989)*—China.
- salviiflora
var. leiocarpa *H.P. Yang in Acta Phytotax. Sin., 28(2): 136 (1990)*—China.
- sceptrum-carolinum
var. uniflora *V.G. Sergienko, Fl. poluostrova Kanin: 91 (1986)*—U.S.S.R. (European Russia).
- sibthorpii
var. eriantha (*Boiss. & Buhse*) *T.N. Popova in Fl. Armenii, 8: 348 (1987)*, without basionym ref.: *P. comosa* var. *eriantha*.
- var. ochrorrhyncha (*Galushko & T.N. Pop.*) *T.N. Popova in Fl. Armenii, 8: 348 (1987)*: *P. ochrorrhyncha*.
- spicata
var. bracteata (*Tsoong*) *S.Y. He in Fl. Hebeiensis, 2: 530 (1988)*: *P. spicata* subsp. *bracteata*.
- weixiensis *H.P. Yang in Acta Phytotax. Sin., 28(2): 139 (1990)*—China.
- xiangchengensis *H.P. Yang in Acta Phytotax. Sin., 28(2): 137 (1990)*—China.
- yalungensis *T. Yamazaki in J. Jap. Bot., 61(3): 77 (1986)*—Nepal.
- yanyuancensis *H.P. Yang in Acta Phytotax. Sin., 27(3): 224 (1989)*—China.

PEDILOCHILUS (Orchidac.).

- hermonii *P.J. Cribb & B. Lewis in Orchid Rev., 97(1150): 251 (1989)*—Vanuatu.

PEDIOCACTUS (Cactac.).

- simpsonii
var. indraianus *F. Hochstätter in Succulenta, 69(9): 179 (1990)*—U.S.A. (Idaho).
- var. nigripinus *F. Hochstätter in Succulenta, 69(9): 178 (1990)*—U.S.A. (Oregon, Washington, Idaho).

PEDIOMELUM (Legumin.).

- aromaticum (*Payson*) *S.L. Welsh in Great Basin Nat., 46(2): 257 (1986)*: *Psoralea aromatica*.
- var. tuhyi *S.L. Welsh in Great Basin Nat., 46(2): 257 (1986)*—U.S.A. (Utah).
- digitatum (*Nutt. ex T. & G.*) *D. Isely in Sida, 11(4): 430 (1986)*: *Psoralea digitata*.
- var. parvifolium (*Shinners*) *K.N. Gandhi & L.E. Brown in Sida, 13(3): 373 (1989)*: *Psoralea digitata* var. *parvifolia*.
- epipsilum (*Barneby*) *S.L. Welsh in Great Basin Nat., 46(2): 257 (1986)*: *Psoralea epipsila*.
- hypogaeum
var. scaposum (*Gray*) *W.F. Mahler in Sida, 12(1): 250 (1987)*: *Psoralea hypogaea* var. *scaposa*.
- latestipulatum (*Shimmers*) *W.F. Mahler in Sida, 12(1): 250 (1987)*: *Psoralea latestipulata*.
- var. appressum (*Ockendon*) *K.N. Gandhi & L.E. Brown in Sida, 13(3): 373 (1989)*: *Psoralea latestipulata* var. *appressa*.
- megalanthum
var. epipsilum (*Barneby*) *J.W. Grimes in Brittonia, 38(2): 185 (1986)*: *Psoralea epipsila*.
- var. retrorsum (*Rydb.*) *J.W. Grimes in Brittonia, 38(2): 185 (1986)*: *P. retrorsum*.

PEDIOMELUM :-

- pariense (*Welsh & Atwood*) *J.W. Grimes in Brittonia, 38(2): 185 (June 1986)*, isonym: *Psoralea pariensis*.
- pariense (*Welsh & Atwood*) *S.L. Welsh in Great Basin Nat., 46(2): 257 (April 1986)*: *Psoralea pariensis*.

PEGAEOPHYTON (Crucif.).

- garhwalense *H.J. Chowdhery & S. Singh in Indian J. Forest., 8(4): 335 (1985 publ. 1986)*—India.

PELARGONIUM (Geraniac.).

- album *J.J.A. van der Walt in S. Afr. J. Bot., 56(1): 65 (1990)*—South Africa (Transvaal).
- antidyentericum
subsp. inerme *A.G. Scheltema in S. Afr. J. Bot., 56(3): 293 (1990)*—South Africa (Cape Province).
- subsp. zonale *A.G. Scheltema in S. Afr. J. Bot., 56(3): 293 (1990)*—South Africa (Cape Province).
- caespitosum
subsp. concavum *L. Hugo in S. Afr. J. Bot., 54(2): 169 (1988)*—South Africa (Cape Province).
- caroli-henrici *B. Nordenstam in Pl. Syst. Evol., 155(1-4): 333 (1987)*—South Africa (Cape Province).
- caucalifolium
subsp. convolvulifolium (*Schltr. ex Knuth*) *J.J.A. van der Walt in S. Afr. J. Bot., 52(5): 459 (1986)*: *P. convolvulifolium*.
- desertorum *P. Vorster in S. Afr. J. Bot., 52(2): 184 (1986)*—South Africa (Cape Province).
- divisifolium *P. Vorster in S. Afr. J. Bot., 53(1): 71 (1987)*—South Africa (Cape Province).
- exhibens *P. Vorster in S. Afr. J. Bot., 52(5): 481 (1986)*—South Africa (Cape Province).
- longicaule
var. angustipetalum *D.A. Boucher in S. Afr. J. Bot., 52(5): 456 (1986)*—South Africa (Cape Province).
- loschgeanum *Mart., Hort. Acad. Erlangen: 140 (1814)*; cf. *D.J. Mabberley in Taxon, 33(3): 443 (1984)*—Locality not stated.
- luteum (*Andr.*) *Sm. in Rees, Cyclop., 26(2): Pelargonium n. 5 (1813)*; cf. *D.J. Mabberley in Taxon, 31(1): 71 (1982)*: Basionym not stated.
- molle *Hort. Vindob. ex Hornem., Hort. Hafn., Suppl.: 77 (1819)*; cf. *D.J. Mabberley in Taxon, 33(3): 437 (1984)*—Locality not stated.
- multicale
subsp. subherbaceum (*Knuth*) *J.J.A. van der Walt in S. Afr. J. Bot., 52(5): 449 (1986)*: *P. subherbaceum*.
- ocellatum *J.J.A. van der Walt in S. Afr. J. Bot., 56(4): 467 (1990)*—South Africa (Cape Province).
- ovale
subsp. hyalinum *L. Hugo in S. Afr. J. Bot., 54(2): 156 (1988)*—South Africa (Cape Province).
- subsp. veronicifolium (*Eckl. & Zeyh.*) *L. Hugo in S. Afr. J. Bot., 54(2): 156 (1988)*: *Campylia veronicifolium*.
- praemorsum
subsp. speciosum *A.G. Scheltema in S. Afr. J. Bot., 56(3): 297 (1990)*—South Africa (Cape Province).
- suburbanum *Clifford ex D.A. Boucher in S. Afr. J. Bot., 52(5): 450 (1986)*, nom. nov.: *Myrrhidium urbanum* *Eckl. & Zeyh.*
- subsp. bipinnatifidum (*Harv.*) *D.A. Boucher in S. Afr. J. Bot., 52(5): 453 (1986)*: *P. urbanum* var. *bipinnatifidum*.

×**PELASTYLIS** hort. in *Orchid Rev., 94(1110)*: centre page pull-out p. 8 (1986). **ORCHIDACEAE.** (*Pelatantheria* × *Rhynchostylis*).

PELATANTHERIA (Orchidac.).

- scolopendrifolia (*Makino*) *L.V. Aver'yanov in Bot. Zhurn., 73(3): 432 (1988)*: *Sarcanthus scolopendrifolius*.

PELEXIA (Orchidac.).

- scintillans *E.W. Greenwood in Orquidea (México), 12(1): 48 (1990)*—Mexico.

PELIOSANTHES (Convallariac.).

- torulosa *Y. Wan in Bull. Bot. Res. North-East. Forest. Inst., 6(1): 147 (1986)*—China.

PELLIONIA (Urticac.).

- angulare (*H. Winkler*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 36 (1988)*: *Elatostema angulare*.
- biakense (*H. Winkler*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 36 (1988)*: *Elatostema biakense*.
- cauliflorum (*H. Winkler*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 36 (1988)*: *Elatostema cauliflorum*.
- curvitepalum (*Perry*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 36 (1988)*: *Elatostema curvitepalum*.
- eludens (*Perry*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 36 (1988)*: *Elatostema eludens*.
- filicinum (*Ridley*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 36 (1988)*: *Elatostema filicinum*.
- fruticulosum (*K. Sch.*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 36 (1988)*: *Elatostema fruticulosum*.
- grammicum (*Perry*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 36 (1988)*: *Elatostema gramicum*.
- hallieri (*H. Winkler*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 36 (1988)*: *Elatostema hallieri*.
- hoelscherianum (*H. Winkler*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 36 (1988)*: *Elatostema hoelscherianum*.
- hoffmannianum (*H. Winkler*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 36 (1988)*: *Elatostema hoffmannianum*.
- inamoenum (*H. Winkler*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 36 (1988)*: *Elatostema inamoenum*.
- inconstans (*Perry*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 36 (1988)*: *Elatostema inconstans*.
- jabiense (*H. Winkler*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 36 (1988)*: *Elatostema jabiense*.
- janowskyi (*H. Winkler*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 36 (1988)*: *Elatostema janowskyi*.
- kietanum (*Rechinger*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 36 (1988)*, without basionym ref.: *Elatostema kietanum*.
- lamii (*H. Winkler*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 36 (1988)*: *Elatostema lamii*.
- lanceolatum (*H. Winkler*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 36 (1988)*: *Elatostema lanceolatum*.
- longgangensis *W.T. Wang in Bull. Bot. Res. North-East. Forest. Inst., 8(4): 77 (1988)*—China.
- mafuluense (*Perry*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 37 (1988)*: *Elatostema mafuluense*.
- minutiflorum (*H. Winkler*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 37 (1988)*: *Elatostema minutiflorum*.
- novae-britanniae (*Laut.*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 37 (1988)*: *Elatostema novae-britanniae*.
- pachypoda (*Diels*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 37 (1988)*: *Elatostema pachypoda*.
- paramelanum (*H. Winkler*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 37 (1988)*: *Elatostema paramelanum*.
- pauperatum (*H. Winkler*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 37 (1988)*: *Elatostema pauperatum*.
- pellionianum (*Gaud.*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 37 (1988)*, without basionym ref.: *Elatostema pellionianum*.
- var. novae-britanniae (*Laut.*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 37 (1988)*, specific name not validly publ.: *Elatostema novae-britanniae*.
- var. pedunculatum (*H. Winkler*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 37 (1988)*, specific name not validly publ.: Basionym not stated.
- radicans
var. chikushiensis (*Yamamoto*) *S.S. Ying, Coloured Illustr. Fl. Taiwan, 3: 451 (1988)*: *P. chikushiensis*.
- sinuatum (*Bl.*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 37 (1988)*, with incorrect basionym ref.: Basionym not stated.
- var. pedunculatum (*H. Winkler*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 37 (1988)*, specific name not validly publ. and with incorrect basionym ref.: Basionym not stated.
- stenurum (*Hallier f.*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 37 (1988)*: *Elatostema stenurum*.
- undulatum (*H. Winkler*) *R.J. Johns, Flow. Pl. Papuaasia: Dicot., 2: 37 (1988)*: *Elatostema undulatum*.

PELLIONIA :-

- velutinum (Warb.) R.J. Johns, *Flow. Pl. Papuaia: Dicot.*, 2: 37 (1988), without basionym ref.: *Procris velutina*.
var. glabrum (K. Sch.) R.J. Johns, *Flow. Pl. Papuaia: Dicot.*, 2: 37 (1988), specific name not validly publ.: Basionym not stated.
warburgii (H. Winkler) R.J. Johns, *Flow. Pl. Papuaia: Dicot.*, 2: 37 (1988): *Elatostema warburgii*.
weinlandii (K. Schum.) R.J. Johns, *Flow. Pl. Papuaia: Dicot.*, 2: 37 (1988): *Elatostema weinlandii*.
yulense (Hallier f.) R.J. Johns, *Flow. Pl. Papuaia: Dicot.*, 2: 37 (1988): *Elatostema yulense*.

PELTAEA (Malvac.).

- parviflora* (Turczaninow) P.A. Fryxell & A. Krapovich in *Contrib. Univ. Mich. Herb.*, 17: 179 (1990): *Peltostegia parviflora*.

PELTOPHORUM (Legumin.).

- venezuelense* L. Cárdenas, H. Rodríguez-Rodríguez & A. Varela de Vega in *Ernstia*, 41: 1 (1986)—Venezuela.

PENAEA (Penaeac.).

- dahlgrenii* J.P. Rourke in *S. Afr. J. Bot.*, 55(4): 400 (1989)—South Africa (Cape Province).

PENIOCEREUS (Cactac.).

- serpentinus* (Lagasca) & Rodrigues N.P. Taylor in *Bradleya*, 5: 93 (1987): *Cactus serpentinus*.

PENNELLIA (Crucif.).

- boliviensis* (Muschler) I.A. Al-Shehbaz in *Harvard Pap. Bot.*, 2: 13 (1990): *Streptanthus boliviensis*.

PENNISETUM (Gramin.).

- alopecuroides*
subsp. sordidum (Koidzumi) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 521 (1987): *P. sordidum*.
felicianum J. Asonganyi in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 7(3): 251 (1985 publ. 1986)—Cameroon.
verticillatum (L.) R. Br. ex Sweet, *Hort. Suburb. Lond.*: 19 (1818); cf. D.J. Mabberley in *Taxon*, 31(1): 71 (1982): Basionym not stated.
viride (L.) R. Br. ex Sweet, *Hort. Suburb. Lond.*: 19 (1818); cf. D.J. Mabberley in *Taxon*, 31(1): 71 (1982): Basionym not stated.

PENSTEMON (Scrophulariac.).

- acaulis*
var. yampaensis (Penl.) E.C. Neese in *Great Basin Nat.*, 46(3): 459 (1986): *P. yampaensis*.
angustifolius
var. dulcis E.C. Neese in *Great Basin Nat.*, 46(3): 459 (1986)—U.S.A. (Utah).
colvillii Huber, *Cat. Graines 1868*: 5 (1868); cf. D.J. Mabberley in *Taxon*, 34(3): 451 (1985)—U.S.A. (California).
debilis S.L. O'Kane & J.L. Anderson in *Brittonia*, 39(4): 412 (1987)—U.S.A. (Colorado).
duchsenensis (N. Holmgren) E.C. Neese in *Great Basin Nat.*, 46(3): 459 (1986): *P. dolius* var. *duchsenensis*.
flowersii E. Neese & S.L. Welsh in *Great Basin Nat.*, 43(3): 429 (1983)—U.S.A. (Utah).
fremontii
var. glabrescens R.D. Don & R.W. Lichvar in *Madroño*, 37(3): 195 (1990)—U.S.A. (Colorado).
glaber
var. brandegei (Porter) C.C. Freeman in *Phytologia*, 60(2): 105 (1986): *P. cyananthus* var. *brandegei*.
idahoensis N.D. Atwood & S.L. Welsh in *Great Basin Nat.*, 48(4): 496 (1988)—U.S.A. (Idaho).
leonardii
var. higginsii E.C. Neese in *Great Basin Nat.*, 46(3): 459 (1986)—U.S.A. (Utah).
var. patricus (N. Holmgren) E.C. Neese in *Great Basin Nat.*, 46(3): 460 (1986): *P. patricus*.
pachyphyllus
var. mucronatus (N. Holmgren) E.C. Neese in *Great Basin Nat.*, 46(3): 460 (1986): *P. mucronatus*.

PENSTEMON :-

- penlandii* W.A. Weber in *Phytologia*, 60(6): 459 (1986)—U.S.A. (Colorado).
scariosus
var. cyanomontanus E.C. Neese in *Great Basin Nat.*, 46(3): 460 (1986)—U.S.A. (Utah, Colorado).
thompsoniae
var. desperatus E.C. Neese in *Great Basin Nat.*, 46(3): 460 (1986)—U.S.A. (Utah, Nevada).

PENTACALIA (Compos.).

- barbourii* M.O. Dillon & A. Sagástegui Alva in *Brittonia*, 40(2): 225 (1988)—Peru.

PENTACOILANTHUS F. Rappa & V. Camarrone in

- Lav. Ist. Bot. Giard. Colon. Palermo*, 14: 64 (1954). **AIZOACEAE**.
aitonis (N.E. Br.) F. Rappa & V. Camarrone in *Lav. Ist. Bot. Giard. Colon. Palermo*, 14: 65 (1954), without basionym ref.: *Cryophytum aitonis*.
crassicaulis (Schw.) F. Rappa & V. Camarrone in *Lav. Ist. Bot. Giard. Colon. Palermo*, 18: 21 (1962), without basionym ref.: *Sceletium crassicaule*.
crystallinus (N.E. Br.) F. Rappa & V. Camarrone in *Lav. Ist. Bot. Giard. Colon. Palermo*, 14: 65 (1954), without basionym ref.: *Cryophytum crystallinum*.
expansus (L. Bol.) F. Rappa & V. Camarrone in *Lav. Ist. Bot. Giard. Colon. Palermo*, 18: 21 (1962), without basionym ref.: *Sceletium expansum*.
granulicaulis (Schwant.) F. Rappa & V. Camarrone in *Lav. Ist. Bot. Giard. Colon. Palermo*, 14: 65 (1954), without basionym ref.: *Psilocaulon granulicaule*.
splendens (Schwant.) F. Rappa & V. Camarrone in *Lav. Ist. Bot. Giard. Colon. Palermo*, 14: 65 (1954), without basionym ref.: *Aridaria splendens*.
tortuosus (N.E. Br.) F. Rappa & V. Camarrone in *Lav. Ist. Bot. Giard. Colon. Palermo*, 18: 21 (1962), without basionym ref.: *Sceletium tortuosum*.

PENTALINON (Apocynac.).

- andrieuxii* (Müller Argoviensis) B.F. Hansen & R.P. Wunderlin in *Taxon*, 35(1): 168 (1986): *Urechites andrieuxii*.
luteum (L.) B.F. Hansen & R.P. Wunderlin in *Taxon*, 35(1): 167 (1986): *Vinca lutea*.

PENTANEMA (Compos.).

- chodzhakiasiani* G.K. Kinzikaeva in *Fl. Tadzhikskoi SSR*, 9: 529, 312 (1988)—U.S.S.R. (Middle Asia).
varzobicum R. Kam. & G.K. Kinzikaeva in *Fl. Tadzhikskoi SSR*, 9: 528, 312 (1988)—U.S.S.R. (Middle Asia).

PENTAPHRAGMA (Pentaphragmatac.).

- ellipticum*
var. flocculosum (K. & G.) R. Kiew in *Malayan Nat. J.*, 43(1): 7 (1989): *P. scortechinii* var. *flocculosum*.
lambirens R. Kiew in *Kew Bull.*, 45(3): 545 (1990)—Borneo (Sarawak).
longisepalum R. Kiew in *Kew Bull.*, 45(3): 550 (1990)—Borneo (Sabah, Sarawak).
prostratum R. Kiew in *Kew Bull.*, 45(3): 552 (1990)—Borneo (Sarawak).

PENTAPHYLLOIDES (Rosac.).

- fruticosa*
var. albicans (Rehd. & Will.) Y.L. Han in *Claves Pl. Xinjiang*, 2: 531 (1982): *Potentilla fruticosa* var. *albicans*.

PENTAPOGON (Gramin.).

- quadrifidus*
var. parviflorus (Benth.) D.I. Morris in *Muelleria*, 7(2): 167 (1990): *Pentapogon billardieri* var. *parviflorus*.

PENTARHOPALOPILIA (Engler) P. Hiepko in Bot.

- Jahrb.*, 108(2-3): 280 (1987): *Rhopalopilina* sect. *Pentarhopalopilina* (Opiliac.).
madagascariensis (Cavaco & Keraudren) P. Hiepko in *Bot. Jahrb.*, 108(2-3): 285 (1987): *Rhopalopilina madagascariensis*.
marquesii (Engler) P. Hiepko in *Bot. Jahrb.*, 108(2-3): 284 (1987): *Rhopalopilina marquesii*.

PENTARHOPALOPILIA :-

- perrieri* (Cavaco & Keraudren) P. Hiepko in *Bot. Jahrb.*, 108(2-3): 287 (1987): *Rhopalopilina perrieri*.
umbellulata (Baillon) P. Hiepko in *Bot. Jahrb.*, 108(2-3): 281 (1987): *Opilia umbellulata*.

PENTAS (Rubiac.).

- zanzibarica*
var. haroniensis B. Verdcourt in *Fl. Zambes.*, 5(1): 76 (1989)—Zimbabwe.
subsp. milangiana (Verdc.) B. Verdcourt in *Fl. Zambes.*, 5(1): 76 (1989): *P. zanzibarica* var. *milangiana*.

PENTASCHISTIS (Gramin.).

- airoides*
subsp. jugorum (Staf) H.P. Linder in *Contrib. Bolus Herb.*, 12: 43 (1990): *P. jugorum*.
alticola H.P. Linder in *Contrib. Bolus Herb.*, 12: 79 (1990)—South Africa (Cape Province).
aurea
subsp. pilosogluma (McClellan) H.P. Linder in *Contrib. Bolus Herb.*, 12: 76 (1990): *P. pilosogluma*.
barbata (Nees) H.P. Linder in *Contrib. Bolus Herb.*, 12: 30 (1990): *Danthonia barbata*.
subsp. orientalis H.P. Linder in *Contrib. Bolus Herb.*, 12: 31 (1990)—South Africa (Cape Province).
calpicola H.P. Linder in *Contrib. Bolus Herb.*, 12: 81 (1990)—South Africa (Cape Province).
var. hirsuta H.P. Linder in *Contrib. Bolus Herb.*, 12: 83 (1990)—South Africa (Cape Province).
caulescens H.P. Linder in *Contrib. Bolus Herb.*, 12: 99 (1990)—South Africa (Cape Province).
chippindalliae H.P. Linder in *Contrib. Bolus Herb.*, 12: 92 (1990)—South Africa (Transvaal).
cirrhulosa (Nees) H.P. Linder in *Contrib. Bolus Herb.*, 12: 42 (1990): *Danthonia cirrhulosa*.
exserta H.P. Linder in *Contrib. Bolus Herb.*, 12: 92 (1990)—South Africa (Natal).
glandulosa (Schrad.) H.P. Linder in *Contrib. Bolus Herb.*, 12: 60 (1990): *Danthonia glandulosa*.
gracilis S.M. Phillips in *Kew Bull.*, 41(4): 1028 (1986)—Ethiopia.
holciformis (Nees) H.P. Linder in *Contrib. Bolus Herb.*, 12: 91 (1990): *Danthonia holciformis*.
insularis (Hemsl.) H.P. Linder in *Contrib. Bolus Herb.*, 12: 103 (1990): *Trisetum insulare*.
montana H.P. Linder in *Contrib. Bolus Herb.*, 12: 83 (1990)—South Africa (Cape Province).
pallida (Thunb.) H.P. Linder in *Contrib. Bolus Herb.*, 12: 36 (1990): *Avena pallida*.
papillosa (Steud.) H.P. Linder in *Contrib. Bolus Herb.*, 12: 32 (1990): *Avena papillosa*.
praecox H.P. Linder in *Contrib. Bolus Herb.*, 12: 95 (1990)—South Africa (Natal).
pseudopallescens H.P. Linder in *Contrib. Bolus Herb.*, 12: 72 (1990)—South Africa (Cape Province).
pungens H.P. Linder in *Contrib. Bolus Herb.*, 12: 97 (1990)—South Africa (Cape Province).
pusilla (Nees) H.P. Linder in *Contrib. Bolus Herb.*, 12: 89 (1990): *Colpodium pusillum*.
pyrophila H.P. Linder in *Contrib. Bolus Herb.*, 12: 81 (1990)—South Africa (Cape Province).
reflexa H.P. Linder in *Contrib. Bolus Herb.*, 12: 53 (1990)—South Africa (Cape Province).
rigidissima Pilger ex H.P. Linder in *Contrib. Bolus Herb.*, 12: 85 (1990)—South Africa (Cape Province).
rosea H.P. Linder in *Contrib. Bolus Herb.*, 12: 70 (1990)—South Africa (Cape Province).
subsp. purpurascens H.P. Linder in *Contrib. Bolus Herb.*, 12: 72 (1990)—South Africa (Cape Province).
scandens H.P. Linder in *Contrib. Bolus Herb.*, 12: 101 (1990)—South Africa (Cape Province).
velutina H.P. Linder in *Contrib. Bolus Herb.*, 12: 66 (1990)—South Africa (Cape Province).
veneta H.P. Linder in *Contrib. Bolus Herb.*, 12: 29 (1990)—South Africa (Cape Province).

PENTOSSAEA W.S. Judd in Ann. Missouri Bot.

- Gard.*, 76(2): 486 (1989). **MELASTOMATACEAE**.
angustifolia (DC.) W.S. Judd in *Ann. Missouri Bot. Gard.*, 76(2): 490 (1989): *Leandra angustifolia*.

PENTOSSAEA :-

- brachystachya (DC.) W.S. Judd in *Ann. Missouri Bot. Gard.*, 76(2): 490 (1989); Clidemia brachystachya.
 confertiflora (DC.) W.S. Judd in *Ann. Missouri Bot. Gard.*, 76(2): 490 (1989); Clidemia confertiflora.
 congestiflora (Naudin) W.S. Judd in *Ann. Missouri Bot. Gard.*, 76(2): 490 (1989); Clidemia congestiflora.
 coriacea (Naudin) W.S. Judd in *Ann. Missouri Bot. Gard.*, 76(2): 490 (1989), without basionym ref.: Basionym not stated.
 heteronervis (Naudin) W.S. Judd in *Ann. Missouri Bot. Gard.*, 76(2): 490 (1989); Sagraea heteronervis.
 marginata (Desr.) W.S. Judd in *Ann. Missouri Bot. Gard.*, 76(2): 490 (1989); Melastoma marginata.

PEPENTIA (Compos.).

- peduncularis B. Nordenstam in *Bot. Jahrb.*, 108(2-3): 196 (1987)—South Africa (Cape Province).

PEPEROMIA (Piperac.).

- adscendens (Endl.) K. Schumann in *Notizbl. Bot. Gart. Berlin*, 1: 47 (1895), illegit, late homonym of C. DC. (1866); Piper adscendens.
 antioquiensis R. Callejas in *Brittonia*, 42(1): 71 (1990)—Colombia.
 berteroaena
 subsp. tristanensis (Christoph.) H.A. Valdebenito in *Brittonia*, 42(2): 122 (1990); P. tristanensis.
 blanda
 var. floribunda (Miq.) H. Huber in *M.D. Dassanayake & F.R. Fosberg, eds., Revised Handb. Fl. Ceylon*, 6: 294 (1988); P. arabica var. floribunda.
 boeckei R. Callejas in *Brittonia*, 42(1): 73 (1990)—Peru.
 boomii J.A. Steyermark in *Brittonia*, 38(3): 220 (1986)—Venezuela.
 calderoniae M.A. Barrios, J.H. Cota & J.M. Medina-Cota in *Phytologia*, 62(1): 54 (1987)—Mexico.
 delascioi J.A. Steyermark in *Brittonia*, 40(3): 294 (1988)—Venezuela.
 dolabella W. Rauh & M. Kimmach in *Cact. Succ. J. (U.S.A.)*, 59(1): 5 (1987)—Peru.
 ephippii H. St. John in *Phytologia*, 64(3): 173 (1988)—Hawaiian Is.
 gentryi J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(1): 87 (1987)—Venezuela.
 hanaensis H. St. John in *Phytologia*, 64(3): 173 (1988)—Hawaiian Is.
 marachuacensis J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(1): 87 (1987)—Venezuela.
 minutilimba (Yuncker) H. St. John in *Phytologia*, 64(3): 173 (1988); P. cookiana var. minutilimba.
 muscorum H. St. John in *Phytologia*, 64(3): 173 (1988)—Hawaiian Is.
 nahikuensis H. St. John in *Phytologia*, 64(3): 173 (1988)—Hawaiian Is.
 wolfgang-krahnii W. Rauh in *Kakt. And. Sukk.*, 37(7): 140 (1986)—Peru.
 woolfordii H. St. John in *Phytologia*, 64(3): 173 (1988)—Hawaiian Is.

PEPINIA (Bromeliac.).

- agavifolia (L.B. Smith) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 297 (1988); Pitcairnia agavifolia.
 alborubra (Baker) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 297 (1988); Pitcairnia alborubra.
 amblyosperma (L.B. Smith) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 297 (1988); Pitcairnia amblyosperma.
 anomala (Hoehne) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 297 (1988); Pitcairnia anomala.
 armata (Maury) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 297 (1988); Pitcairnia armata.
 bradei (Markgraf) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 297 (1988); Pitcairnia bradei.
 breweri (L.B. Smith) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 297 (1988); Pitcairnia breweri.
 bulbosa (L.B. Smith) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 297 (1988); Pitcairnia bulbosa.
 caricifolia (Martius ex Schultes) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 297 (1988); Pitcairnia caricifolia.

PEPINIA :-

- carnosepala (Rauh & Gross) H.E. Luther in *Phytologia*, 67(4): 312 (1989), as 'carnosa-sepala'; Pitcairnia carnosepala.
 corallina (Linden & André) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 297 (1988); Pitcairnia corallina.
 costata (L.B. Smith) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 297 (1988); Pitcairnia costata.
 ctenophylla (L.B. Smith) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 297 (1988); Pitcairnia ctenophylla.
 cuatrecasana (L.B. Smith) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 298 (1988); Pitcairnia cuatrecasana.
 ensifolia (Mez) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 298 (1988); Pitcairnia ensifolia.
 epiphytica (L.B. Smith) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 298 (1988); Pitcairnia epiphytica.
 filispina (L.B. Smith) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 298 (1988); Pitcairnia filispina.
 fimbriobraceata (Rauh) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 298 (1988), without basionym page; Pitcairnia fimbriobraceata.
 geyskesii (L.B. Smith) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 298 (1988); Pitcairnia geyskesii.
 hammelii (Luther) H.E. Luther in *J. Bromeliad Soc.*, 39(4): 173 (1989); Pitcairnia hammelii.
 harlingii (L.B. Smith) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 298 (1988); Pitcairnia harlingii.
 heliophila (L.B. Smith) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 298 (1988); Pitcairnia heliophila.
 incarnata (Baker) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 298 (1988); Pitcairnia incarnata.
 juncoides (L.B. Smith) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 298 (1988); Pitcairnia juncoides.
 killipiana (L.B. Smith) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 298 (1988); Pitcairnia killipiana.
 kunhardtiana (L.B. Smith) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 298 (1988); Pitcairnia kunhardtiana.
 limae (L.B. Smith) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 298 (1988); Pitcairnia limae.
 luteyniorum (L.B. Smith & R.W. Read) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 298 (1988); Pitcairnia luteyniorum.
 maguirei (L.B. Smith) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 298 (1988); Pitcairnia maguirei.
 mituensis (L.B. Smith) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 298 (1988); Pitcairnia mituensis.
 nuda (Baker) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 298 (1988); Pitcairnia nuda.
 occidentalis (L.B. Smith) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 298 (1988); Pitcairnia occidentalis.
 patentiflora (L.B. Smith) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 298 (1988); Pitcairnia patentiflora.
 pectinata (L.B. Smith) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 298 (1988); Pitcairnia pectinata.
 platypetala (Mez) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 298 (1988); Pitcairnia platypetala.
 pruinosa (Kunth) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 299 (1988); Pitcairnia pruinosa.
 quesneliodes (L.B. Smith) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 299 (1988); Pitcairnia quesneliodes.
 rubiginosa (Baker) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 299 (1988); Pitcairnia rubiginosa.
 sprucei (Baker) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 299 (1988); Pitcairnia sprucei.

PEPINIA :-

- turbinella (L.B. Smith) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 299 (1988); Pitcairnia turbinella.
 uaipanensis (Baker) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 299 (1988); Pitcairnia uaipanensis.
 wurdackii (L.B. Smith) G.S. Varadarajan & A.J. Gilmartin in *Syst. Bot.*, 13(2): 299 (1988); Pitcairnia wurdackii.

PEPLIDIUM (Scrophulariac.).

- aithocheilum W.R. Barker in *J. Adelaide Bot. Gard.*, 13: 88 (1990)—Australia (S. Australia, N. Terr., W. Australia).

PERAMA (Rubiace.).

- dichotoma
 var. monocephala J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 658 (1987)—Venezuela.

PERAPENTACOLANTHUS F. Rappa & V. Camarrone in *Lav. Ist. Bot. Giard. Colon. Palermo*, 15: 21 (1956). **AIZOACEAE**.**PERATETRACOLANTHUS** F. Rappa & V. Camarrone in *Lav. Ist. Bot. Giard. Colon. Palermo*, 18: 22 (1962), without type. **AIZOACEAE**.

- defoliatus (Schw.) F. Rappa & V. Camarrone in *Lav. Ist. Bot. Giard. Colon. Palermo*, 18: 23 (1962), without basionym ref.: Aridaria defoliata.
 geniculiflorus (N.E. Br.) F. Rappa & V. Camarrone in *Lav. Ist. Bot. Giard. Colon. Palermo*, 18: 23 (1962), without basionym ref.: Aridaria geniculiflora.
 haeckelianus (N.E. Br.) F. Rappa & V. Camarrone in *Lav. Ist. Bot. Giard. Colon. Palermo*, 18: 23 (1962), without basionym ref.: Platyhyra haeckeliana.
 junceus (Schw.) F. Rappa & V. Camarrone in *Lav. Ist. Bot. Giard. Colon. Palermo*, 18: 23 (1962), without basionym ref.: Psilocalon junceum.
 noctiflorus (Schw.) F. Rappa & V. Camarrone in *Lav. Ist. Bot. Giard. Colon. Palermo*, 18: 23 (1962), without basionym ref.: Aridaria noctiflora.
 parviflorus (Schw.) F. Rappa & V. Camarrone in *Lav. Ist. Bot. Giard. Colon. Palermo*, 18: 23 (1962), without basionym ref.: Aridaria parviflora.
 spinuliferus (N.E. Br.) F. Rappa & V. Camarrone in *Lav. Ist. Bot. Giard. Colon. Palermo*, 18: 23 (1962), without basionym ref.: Aridaria spinulifera.
 tetragonum (L. Bol.) F. Rappa & V. Camarrone in *Lav. Ist. Bot. Giard. Colon. Palermo*, 18: 23 (1962), without basionym ref.: Aridaria tetragonum.

PERDICIUM (Compos.).

- lyratum (Willd.) Sweet, *Hort. Brit.*, ed. 2: 280 (1830); cf. D.J. Mabberley in *Taxon*, 31(1): 72 (1982); Basionym not stated.
 tomentosum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 769 (1784)—Japan.†

PERESKIA (Cactac.).

- grandifolia
 var. violacea B.E. Leuenberger in *Mem. New York Bot. Gard.*, 41: 116 (1986)—Brazil.
 humboldtii
 var. rauhii (Backeberg) B.E. Leuenberger in *Mem. New York Bot. Gard.*, 41: 69 (1986); P. vargasii var. rauhii.

PERGULARIA (Asclepiadac.).

- japonica C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 256 (1784)—Japan.†

PERIPTERA (Malvac.).

- lobelioides P.A. Fryxell & S.D. Koch in *Aliso*, 11(4): 552 (1987)—Mexico.

PERISTROPHE (Acanthac.).

- brassii R.M. Barker in *J. Adelaide Bot. Gard.*, 9: 192 (1986)—Australia (Queensland).
 decorticans K. Balkwill in *S. Afr. J. Bot.*, 55(2): 254 (1989)—South Africa (Transvaal), Botswana.
 namibiensis K. Balkwill in *S. Afr. J. Bot.*, 54(1): 52 (1988)—Namibia.
 subsp. brandbergensis K. Balkwill in *S. Afr. J. Bot.*, 54(1): 53 (1988)—Namibia.
 tianmuensis H.S. Lo in *Bull. Bot. Res. North-East Forest. Inst.*, 8(1): 4 (1988)—China.

PERISTYLUS (Orchidac.).

- aliformis (C. Schweinf.) J. Renz & S. Vodonaivalu in *Blumea*, 34(1): 88 (1989 - received at K on 30 June): *Habenaria aliformis*.
- aliformis (C. Schweinf.) P.J. Kores in *Allertonia*, 5(1): 14 (August 1989), isonym see J. Renz & S. Vodonaivalu in *Blumea*, 34(1): 88 (1989): *Habenaria aliformis*.
- bulleyi (Rolfe) K.Y. Lang in *Acta Phytotax. Sin.*, 25(6): 448 (1987): *Habenaria bulleyi*.
- cymbochilus J. Renz in *Davis & Hedge Festschrift (ed. Kit. Tan)*: 185 (1989)—New Guinea (Papua New Guinea).
- duthiei (Hook. f.) S. Deva & H.B. Naithani, *Orchid Fl. N.W. Himalaya*; 181 (1986): *Herminium duthiei*.
- var. inayatii S. Deva & H.B. Naithani, *Orchid Fl. N.W. Himalaya*: 185 (1986)—India.
- fallax
- var. dwarikae S. Deva & H.B. Naithani, *Orchid Fl. N.W. Himalaya*: 187 (1986), as 'dwarikaii'—India.
- forrestii (Schltr.) K.Y. Lang in *Acta Phytotax. Sin.*, 25(6): 454 (1987): *Habenaria forrestii*.
- hatusimanus T. Hashimoto in *Ann. Tsukuba Bot. Gard.*, 7: 161 (1988)—Japan.
- holttumanus Seidenf. ex L.V. Averyanov in *Bot. Zhurn.*, 73(7): 1025 (1988)—Vietnam.
- jinchuanicus K.Y. Lang in *Acta Phytotax. Sin.*, 25(6): 447 (1987)—China.
- kumaonensis J. Renz in *J. Orchid Soc. India*, 1(1-2): 23 (1987)—India.
- longiracemus (Fukuyama) K.Y. Lang in *Acta Phytotax. Sin.*, 35(6): 448 (1987): *Habenaria longiracema*.
- maculifer (C. Schweinf.) J. Renz & S. Vodonaivalu in *Blumea*, 34(1): 89 (1989 - received at K on 30 June): as 'maculiferus': *Habenaria maculifera*.
- maculifer (C. Schweinf.) P.J. Kores in *Allertonia*, 5(1): 13 (August 1989), isonym see J. Renz & S. Vodonaivalu in *Blumea*, 34(1): 89 (1989): *Habenaria maculifera*.
- nematocaulon (J.D. Hook.) J.J. Wood in *Kew Bull.*, 41(4): 811 (1986): *Habenaria nematocaulon*.
- neotineoides (Ames & Schltr.) K.Y. Lang in *Acta Phytotax. Sin.*, 25(6): 453 (1987): *Herminium neotineoides*.
- pachyneuroides J. Renz in *Davis & Hedge Festschrift (ed. Kit. Tan)*: 187 (1989)—New Guinea (Papua New Guinea).
- scrotiformis (L.O. Williams) J. Renz & S. Vodonaivalu in *Blumea*, 34(1): 89 (1989): *Habenaria scrotiformis*.
- stenodon (Reichenb. f.) P.J. Kores in *Allertonia*, 5(1): 13 (August 1989): *Habenaria stenodon*.
- stenodon (Reichb. f.) Renz & Vodonaivalu ex B. Lewis & P. Cribb, *Orchids of Vanuatu*: 41 (5 October 1989), as 'stenodontus', isonym see P.J. Kores in *Allertonia*, 5(1): 13 (August 1989): *Habenaria stenodon*.
- superanthus J.J. Wood in *Kew Bull.*, 41(4): 811 (1986)—Nepal, Bhutan, Sikkim, India.
- tradesantifolia (Reichenb. f.) P.J. Kores in *Allertonia*, 5(1): 12 (1989): *Habenaria tradesantifolia*.
- wheatleyi P.J. Cribb & B. Lewis in *Orchid Rev.*, 97(1150): 251 (1989)—Vanuatu.

PERITYLE (Compos.).

- scopulorum (M.E. Jones) A.M. Powell & B.L. Turner in *Phytologia*, 66(6): 505 (1989): *Laphamia scopulorum*.
- specuicola S.L. Welsh & E. Neese in *Great Basin Nat.*, 43(2): 373 (1983)—U.S.A. (Utah).
- vandevenderi B.L. Turner in *Phytologia*, 66(6): 504 (1989)—Mexico.
- vigilans R. Spellenberg & A.M. Powell in *Syst. Bot.*, 15(2): 252 (1990)—Mexico.

PEROVSKIA (Labiata).

- botschantzevii S.S. Kovalevskaya & T.F. Kochkareva in *Fl. Tadzhikskoi SSR*, 8: 483, 263 (1986)—U.S.S.R. (Middle Asia), Afghanistan.
- pamirica C.Y. Yang & B. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 95 (1987)—Xinjiang.
- scrophulariaefolia A. Bunge, *Beitr. Fl. Russl.*: 257 (1852)—U.S.S.R. (Middle Asia).†

PERSEA (Laurac.).

- areolatocostae (Allen) H. van der Werff in *Ann. Missouri Bot. Gard.*, 76(2): 471 (1989): *Phoebe areolatocostae*.
- austroguizhouensis (S.K. Lee & F.M. Wei) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 546 (1990): *Machilus austroguizhouensis*.
- chayuensis (S.K. Lee & H.W. Li) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 546 (1990): *Machilus chayuensis*.
- chekiangensis (S.K. Lee) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 546 (1990): *Machilus chekiangensis*.
- chienkweiensis (S.K. Lee) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 546 (1990): *Machilus chienkweiensis*.
- chrysostricha (H.W. Li) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 546 (1990): *Machilus chrysostricha*.
- chuanchienensis (S.K. Lee) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 546 (1990): *Machilus chuanchienensis*.
- chunii (Chang ex S.C. Lee) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 546 (1990), basionym not validly publ.: *Machilus chunii*.
- cicatricosa (S.K. Lee) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 546 (1990): *Machilus cicatricosa*.
- croatii H. van der Werff in *Ann. Missouri Bot. Gard.*, 76(2): 471 (1989)—Venezuela.
- croizatii H. van der Werff in *Ann. Missouri Bot. Gard.*, 76(2): 472 (1989)—Venezuela.
- culilawan (Bl.) Bischoff, *Grund. Med. Bot.*: 342 (1831); cf. D.J. Mabberley in *Taxon*, 33(3): 443 (1984): Basionym not stated.
- dinganensis (S.K. Lee & F.N. Wei) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 546 (1990): *Machilus dinganensis*.
- fasciculata (H.W. Li) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 546 (1990): *Machilus fasciculata*.
- fluviatilii H. van der Werff in *Ann. Missouri Bot. Gard.*, 76(2): 474 (1989)—Venezuela.
- foonchevii (S.K. Lee) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 546 (1990): *Machilus foonchevii*.
- fragrans (Kanehira ex S.C. Lee) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 546 (1990), basionym not validly publ.: *Machilus fragrans*.
- fukienensis (H.T. Chang) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 546 (1990): *Machilus fukienensis*.
- glaucescens (Wt.) N.P. Singh, *Fl. East. Karnataka*, 2: 548 (1988): *Machilus glaucescens*.
- glaucifolia (S.K. Lee & F.N. Wei) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 546 (1990): *Machilus glaucifolia*.
- gongshanensis (H.W. Li) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 546 (1990): *Machilus gongshanensis*.
- grandibracteata (S.K. Lee & F.N. Wei) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 546 (1990): *Machilus grandibracteata*.
- grandifolia (S.K. Lee & F.N. Wei) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 546 (1990): *Machilus grandifolia*.
- jariensis I. de Vattimo-Gil in *Rev. Brasil. Biol.*, 48(4): 956 (1988)—Brazil.
- julianae H. van der Werff in *Ann. Missouri Bot. Gard.*, 76(3): 939 (1989)—Surinam.
- kwangtungensis (Y.C. Yang) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 546 (1990): *Machilus kwangtungensis*.
- lenticellata (S.K. Lee & F.N. Wei) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 546 (1990): *Machilus lenticellata*.
- lichuanensis (W.C. Chang) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 546 (1990): *Machilus lichuanensis*.
- litseifolia (S.K. Lee) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 546 (1990): *Machilus litseifolia*.
- lohuensis (S.K. Lee) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 546 (1990): *Machilus lohuensis*.
- longipedunculata (S.K. Lee & F.N. Wei) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 546 (1990): *Machilus longipedunculata*.

PERSEA :-

- melanophylla (H.W. Li) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 546 (1990): *Machilus melanophylla*.
- mikweiensis (S.K. Lee) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 546 (1990): *Machilus mikweiensis*.
- minutiloba (S.K. Lee) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 546 (1990): *Machilus minutiloba*.
- monticola (S.K. Lee) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 546 (1990): *Machilus monticola*.
- nakao (S.K. Lee) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 546 (1990): *Machilus nakao*.
- nanchuanensis (N. Chao) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 546 (1990): *Machilus nanchuanensis*.
- obscurinervis (S.K. Lee) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 547 (1990): *Machilus obscurinervis*.
- ovatiloba (S.K. Lee) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 547 (1990): *Machilus ovatiloba*.
- pajonalis H. van der Werff in *Ann. Missouri Bot. Gard.*, 75(2): 413 (1988)—Peru.
- parviflora (Meissn.) K. Handasan & R.R. Rao, *Forest Fl. Meghalaya*, 2: 739 (1987): *Machilus parviflora*.
- pedicellata A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 547 (1990), nom. nov.: *Machilus longipes* H.T. Chang.
- perseiphylla (Allen) H. van der Werff in *Ann. Missouri Bot. Gard.*, 76(4): 961 (1989)—Ocoteca perseiphylla.
- povedae W. Burger in *Fieldiana, Bot.*, 23: 105 (1990)—Costa Rica.
- pyramidalis (H.W. Li) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 547 (1990): *Machilus pyramidalis*.
- rufipes (H.W. Li) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 547 (1990): *Machilus rufipes*.
- salicoides (S.K. Lee) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 547 (1990): *Machilus salicoides*.
- shiwandashanica (H.T. Chang) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 547 (1990): *Machilus shiwandashanica*.
- sichouensis (H.W. Li) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 547 (1990): *Machilus sichouensis*.
- sichuanensis (N. Chao) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 547 (1990): *Machilus sichuanensis*.
- silvatica H. van der Werff in *Fieldiana, Bot.*, 23: 107 (1990)—Costa Rica.
- sintoc (Bl.) Bischoff, *Grund. Med. Bot.*: 342 (1831); cf. D.J. Mabberley in *Taxon*, 33(3): 443 (1984): *Cinnamomum sintoc*.
- suaveolens (S.K. Lee) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 547 (1990): *Machilus suaveolens*.
- tenuipilis (H.W. Li) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 547 (1990): *Machilus tenuipilis*.
- velutinoides (S.K. Lee & F.N. Wei) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 547 (1990): *Machilus velutinoides*.
- verruculosa (H.W. Li) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 547 (1990): *Machilus verruculosa*.
- versicolora (S.K. Lee & F.N. Wei) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 547 (1990): *Machilus versicolora*.
- wenshanensis (W.H. Li) A.J.G.H. Kostermans in *Ann. Missouri Bot. Gard.*, 77(3): 547 (1990): *Machilus wenshanensis*.

PERSICARIA (Polygonac.).

- sect. *Amblygonon* (Meissn.) N.N. Tsvetlev in *Novosti Sist. Vyssh. Rast.*, 25: 185 (1988); et in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 4: 67 (1989): *Polygonum* sect. *Amblygonon*.
- sect. *Amphibia* N.N. Tsvetlev in *Novosti Sist. Vyssh. Rast.*, 24: 75 (1987).
- sect. *Truelloides* N.N. Tsvetlev in *Novosti Sist. Vyssh. Rast.*, 24: 76 (1987).

PERSICARIA :-

- affinis (*D. Don*) *L.P. Ronse Decraene in Bot. J. Linn. Soc.*, 98(4): 368 (1988): *Polygonum affine*.
- amphibia
var. natans (*Leyss.*) *A.H. Munshi & G.N. Javeid, Syst. Stud. Polygonac. Kashmir Himalaya (J. Econ. Taxon. Bot. Addit. Ser. 2):* 63 (1986): *Polygonum amphibium* var. natans.
var. terrestris (*Leyss.*) *A.H. Munshi & G.N. Javeid, Syst. Stud. Polygonac. Kashmir Himalaya (J. Econ. Taxon. Bot. Addit. Ser. 2):* 63 (1986): *Polygonum amphibium* var. terrestre.
- angustifolia (*Pall.*) *L.P. Ronse Decraene in Bot. J. Linn. Soc.*, 98(4): 367 (1988): *Polygonum angustifolium*.
- attenuata
subsp. africana *K.L. Wilson in Kew Bull.* 45(4): 629 (1990)—Uganda, Madagascar etc.
subsp. pulchra (*Blume*) *K.L. Wilson in Kew Bull.*, 45(4): 629 (1990): *Polygonum pulchrum*.
- ×bicolor
nothosubsp. silesiaca (*Beck*) *J. Chrtek in Preslia*, 62(2): 164 (1990): *Polygonum silesiacum*.
- bistorta
subsp. carnea (*C. Koch*) *W. Greuter & Burdet in Willdenowia*, 19(1): 41 (1989): *Polygonum carneum*.
- caespitosa
var. longiseta (*DeBruyn*) *C.F. Reed in Phytologia*, 63(5): 410 (1987): *Polygonum longisetum*.
- campanulata (*Hook. f.*) *L.P. Ronse Decraene in Bot. J. Linn. Soc.*, 98(4): 367 (1988): *Polygonum campanulatum*.
- decepiens (*R.Br.*) *K.L. Wilson in Telopea*, 3(2): 178 (1988): *Polygonum decepiens*.
- extremiorientalis (*Worosch.*) *N.N. Tsvelev in Novosti Sist. Vyssh. Rast.*, 24: 75 (1987): *Polygonum extremiorientale*.
- glacialis (*Hook. f.*) *A.H. Munshi & G.N. Javeid, Syst. Stud. Polygonac. Kashmir Himalaya (J. Econ. Taxon. Bot. Addit. Ser. 2):* 76 (1986): *Polygonum glaciale*.
- hookeri (*Meissn.*) *L.P. Ronse Decraene in Bot. J. Linn. Soc.*, 98(4): 367 (1988): *Polygonum hookeri*.
- hydropiper
subsp. flaccida (*Meisn.*) *A.H. Munshi & G.N. Javeid, Syst. Stud. Polygonac. Kashmir Himalaya (J. Econ. Taxon. Bot. Addit. Ser. 2):* 76 (1986): *Polygonum flaccidum*.
var. glandulosissima (*Gage*) *H.B. Naithani & S. Biswas in H.B. Naithani, Flow. Pl. India, Nepal & Bhutan:* 353 (1990): *Polygonum hydropiper* var. glandulosissima.
subsp. mite (*Schrank*) *A.H. Munshi & G.N. Javeid, Syst. Stud. Polygonac. Kashmir Himalaya (J. Econ. Taxon. Bot. Addit. Ser. 2):* 75 (1986): *Polygonum mite*.
- hypanica (*Klok*) *N.N. Tsvelev in Novosti Sist. Vyssh. Rast.*, 25: 186 (1988): *Polygonum hypanicum*.
- lanata (*Roxb.*) *N.N. Tsvelev in Novosti Sist. Vyssh. Rast.*, 25: 186 (1988): *Polygonum lanatum*.
- lapathifolia
var. tomentosa (*Schrank*) *N.N. Tsvelev in Sosud. Rast. Sovet. Dal'nego Vostoka*, 4: 70 (1989): *Polygonum tomentosum*.
- obtusifolia (*Täckh. & Boulos*) *W. Greuter & Burdet in Willdenowia*, 19(1): 41 (1989): *Polygonum obtusifolium*.
- poiretii (*Meissn.*) *K.L. Wilson in Kew Bull.*, 45(4): 631 (1990): *Polygonum poiretii*.
- salicifolia (*Brouss. ex Willd.*) *A.H. Munshi & G.N. Javeid, Syst. Stud. Polygonac. Kashmir Himalaya (J. Econ. Taxon. Bot. Addit. Ser. 2):* 73 (1986): *Polygonum salicifolium*.
- saporoviensis (*Klok*) *N.N. Tsvelev in Novosti Sist. Vyssh. Rast.*, 25: 186 (1988): *Polygonum saporoviense*.
- saporiense.
- scabra
var. amurica *N.N. Tsvelev in Sosud. Rast. Sovet. Dal'nego Vostoka*, 4: 71 (1989)—U.S.S.R. (Soviet Far East).
var. incana (*F.W. Schmidt*) *N.N. Tsvelev in Sosud. Rast. Sovet. Dal'nego Vostoka*, 4: 71 (1989): *Polygonum incanum*.
- senegalensis
f. albotomentosa (*Graham*) *K.L. Wilson in Kew Bull.*, 45(4): 630 (1990): *Polygonum senegalense*
f. albotomentosum.

PERSICARIA :-

- setosula (*A. Rich.*) *K.L. Wilson in Kew Bull.*, 45(4): 632 (1990): *Polygonum setosulum*.
- snobarii *A.H. Munshi & G.N. Javeid, Syst. Stud. Polygonac. Kashmir Himalaya (J. Econ. Taxon. Bot. Addit. Ser. 2):* 73 (1986)—India.
- subsessilis (*R.Br.*) *K.L. Wilson in Telopea*, 3(2): 180 (1988): *Polygonum subsessile*.
- tripterocarpa (*A. Gray*) *L.P. Ronse Decraene in Bot. J. Linn. Soc.*, 98(4): 367 (1988): *Polygonum tripterocarpum*.
- vacciniifolia (*Wall. ex Meissn.*) *L.P. Ronse Decraene in Bot. J. Linn. Soc.*, 98(4): 367 (1988): *Polygonum vacciniifolium*.
- vivipara (*L.*) *L.P. Ronse Decraene in Bot. J. Linn. Soc.*, 98(4): 367 (1988): *Polygonum viviparum*.
- wallichii *W. Greuter & Burdet in Willdenowia*, 19(1): 41 (1989), nom. nov.: *Polygonum polystachyum Meissner*.
- weyrichii (*F. Schmidt Petrop.*) *L.P. Ronse Decraene in Bot. J. Linn. Soc.*, 98(4): 367 (1988): *Polygonum weyrichii*.

PERTYA (Compos.).

- ser. Paniculatea *Y.C. Tseng in Guihaia*, 5(4): 327 (1985).
- angustifolia *Y.C. Tseng in Guihaia*, 5(4): 327 (1985)—China.
- berberidoides (*Hand-Mazz.*) *Y.C. Tseng in Guihaia*, 5(4): 328 (1985): *P. bodinieri* var. berberidoides.
- cordifolia
var. desmocephala (*Diels*) *Z. Wei & Y.B. Chang in Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 37 (1989): *P. desmocephala*.
- corymbosa *Y.C. Tseng in Guihaia*, 5(4): 332 (1985)—China.
- henanensis *Y.C. Tseng in Guihaia*, 5(4): 330 (1985)—China.
- pubescens *Y. Ling in Contrib. Inst. Bot. Nation. Acad. Peiping*, 6(1): 32 (1948 publ. 1949)—China.
- pungens *Y.C. Tseng in Guihaia*, 5(4): 334 (1985)—China.
- tsonggiana (*Ling in Contrib. Bot. Surv. Northwest China*, 1(2): 40 (1939); cf. *Y. Ling in Contrib. Inst. Bot. Nation. Acad. Peiping*, 6(1): 29 (1948 publ. 1949)—China.
- yakushimensis *H. Koyama & H. Nagamasu in Acta Phytotax. Geobot.*, 39(1-3): 67 (1988)—Japan.

PERYMENIUM (Compos.).

- buphthalmoides
var. diguetii (*McVaugh*) *B.L. Turner in Phytologia*, 64(4): 265 (1988): *P. diguetii*.
var. sonoranum *B.L. Turner in Phytologia*, 64(4): 266 (1988)—Mexico.
- fayi *B.L. Turner in Phytologia*, 69(1): 16 (1990)—Mexico.
- oaxacanum *B.L. Turner in Phytologia*, 65(5): 371 (1988)—Mexico.
- ovalifolium (*A. Gray*) *B.L. Turner in Phytologia*, 64(4): 263 (1988)—Oyedeaea ovalifolia.
- tamaulipense *B.L. Turner in Phytologia*, 63(5): 396 (1987)—Mexico.

PETASITES (Compos.).

- frigidus
var. sinuolatus *A.A. Korobkov in Arktich. Fl. SSSR*, 10: 184 (1987)—U.S.S.R. (Soviet Far East).
- pyrenaica (*L.*) *G. López González in An. Jard. Bot. Madrid*, 42(2): 323 (1985 publ. 1986): *Tussilago pyrenaica*.

- PETITIOCODON** *E. Robbrecht in Bull. Jard. Bot. Nation. Belg.*, 58(1-2): 116 (1988). **RUBIACEAE**.
parviflorum (*Keay*) *E. Robbrecht in Bull. Jard. Bot. Nation. Belg.*, 58(1-2): 119 (1988): *Didymosalpinx parviflora*.

PETRADORIA (Compos.).

- pumila
var. graminea (*Woot. & Standl.*) *S.L. Welsh in Great Basin Nat.*, 43(2): 324 (1983): *P. graminea*.

PETREA (Verbenac.).

- sulphurea *M.J. Jansen-Jacobs in Fl. Guianas*, Ser. A, 4(148): 60 (1988)—French Guiana.

PETROCODON (Gesneriac.).

- dealbatus
var. denticulatus (*W.T. Wang*) *W.T. Wang in Fl. Reipubl. Popul. Sin.*, 69: 420 (1990): *P. denticulatus*.

PETROCOPTIS (Caryophyllac.).

- crassifolia
subsp. albaredae *P. Montserrat in Doc. Phytosoc.*, n.s., 2: 326 (1978)—Spain.
subsp. guinchoetii *J.M. Montserrat in Doc. Phytosoc.*, n.s., 2: 326 (1978)—Spain.
- pyrenaica
subsp. glaucifolia (*Lag.*) *P. Montserrat & Fernández Casas in An. Jard. Bot. Madrid*, 45(1): 362 (1988): *Silene glaucifolia*.
subsp. viscosa (*Rothm.*) *P. Montserrat & Fernández Casas in An. Jard. Bot. Madrid*, 45(1): 362 (1988): *P. viscosa*.

- PETROEDMONDIA** *S.G. Tamamschian in Fl. Iran.*, 162: 167 (1987). **UMBELLIFERAE**.
syriaca (*Boiss.*) *S.G. Tamamschian in Fl. Iran.*, 162: 167 (1987): *Colladonia syriaca*.

PETROPHILE (Proteac.).

- aspera *C.A. Gardner ex D.B. Foreman in Muelleria*, 7(2): 304 (1990)—Australia (W. Australia).
helicophylla *D.B. Foreman in Muelleria*, 7(2): 301 (1990)—Australia (W. Australia).
stricta *C.A. Gardner ex D.B. Foreman in Muelleria*, 7(2): 307 (1990)—Australia (W. Australia).

PETRORHAGIA (Caryophyllac.).

- dubia (*Rafin.*) *G. López González & Á.M. Romo in An. Jard. Bot. Madrid*, 45(1): 363 (1988): *Dianthus dubius*.
gasparrinii (*Guss.*) *J. Holub in Preslia*, 58(4): 302 (1986): *Gypsophila gasparrinii*.
- prolifera
f. diminuta (*L.*) *P. Boža & O. Vasić in Fl. SR Srbije*, 10: 48 (1986): *Dianthus diminutus*.
- zoharyana *A. Liston in Candollea*, 41(1): 179 (1986)—Israel, Jordan, Syria.

PETROSEDUM (Crassulac.).

- amplexicaule (*DC.*) *M. Velayos in An. Jard. Bot. Madrid*, 45(2): 584 (1988 publ. 1989): *Sedum amplexicaule*.
subsp. tenuifolium (*Sm.*) *M. Velayos in An. Jard. Bot. Madrid*, 45(2): 584 (1988 publ. 1989): *Sempervivum tenuifolium*.
- rupestre (*Linnaeus*) *P. Heath in Sussex Cactus & Succ. Yearbook*, 1987 (ed. P. Heath): 56 (1987): *Sedum rupestre*.
- rupestre (*L.*) *M. Velayos in An. Jard. Bot. Madrid*, 45(2): 584 (1988 publ. 1989), isonym: *Sedum rupestre*.
subsp. anopetalum (*DC.*) *M. Velayos in An. Jard. Bot. Madrid*, 45(2): 584 (1988 publ. 1989): *Sedum anopetalum*.
subsp. elegans (*Lej.*) *M. Velayos in An. Jard. Bot. Madrid*, 45(2): 584 (1988 publ. 1989): *Sedum elegans*.
subsp. erectum (*t'Hart*) *M. Velayos in An. Jard. Bot. Madrid*, 45(2): 584 (1988 publ. 1989): *Sedum rupestre* subsp. erectum.
subsp. montanum (*Perr. & Song*) *M. Velayos in An. Jard. Bot. Madrid*, 45(2): 585 (1988 publ. 1989): *Sedum montanum*.
subsp. reflexum (*L.*) *M. Velayos in An. Jard. Bot. Madrid*, 45(2): 585 (1988 publ. 1989): *Sedum reflexum*.

PETUNIA (Solanac.).

- exserta *J.R. Stehmann in Napaea, Rev. Bot.*, 2: 19 (1987)—Brazil.

PEUCEDANUM (Umbellif.).

- acaule *R.H. Shan & M.L. Sheh in Acta Phytotax. Sin.*, 24(4): 308 (1986)—China.
ampliatum *K.T. Fu in Fl. Tsinlingensis*, 1(3): 462, 427 (1981)—China.
articulatum *C.C. Townsend in Kew Bull.*, 42(3): 602 (1987)—Malawi.
dispersum *C.C. Townsend in Kew Bull.*, 42(3): 596 (1987)—Tanzania, Uganda.

PEUCEDANUM :-

- elegans (Spreng.) Sweet, *Hort. Brit.*, ed. 2: 250 (1830); cf. D.J. Mabberley in *Taxon*, 31(1): 72 (1982): Basionym not stated.
- friesiorum
var. bipinnatum C.C. Townsend in *Kew Bull.*, 42(3): 591 (1987)—Kenya.
- gabrielae R. Frey in *Candollea*, 44(1): 275 (26 July 1989); et in *Mitt. Bot. Mus. Univ. Zürich*, 383: 28 (9 August 1989), not effectively published as thesis in 1988—Greece.
- harmisianum
subsp. australe C.C. Townsend in *Kew Bull.*, 42(3): 593 (1987)—Tanzania.
- hirsutiunculum
var. subglabrum R.H. Shan & M.L. Sheh in *Acta Phytotax. Sin.*, 24(4): 310 (1986)—China.
- japonicum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 280 (1784)—Japan.†
- josephianum B.M. Wadhwa & H.J. Chowdhery in *Indian J. Forest.*, 13(1): 78 (1990)—India.
- ledebourielloides K.T. Fu in *Fl. Tsinlingensis*, 1(3): 463, 428 (1981)—China.
- longshengense R.H. Shan & M.L. Sheh in *Acta Phytotax. Sin.*, 24(4): 306 (1986)—China.
- mashanense R.H. Shan & M.L. Sheh in *Acta Phytotax. Sin.*, 24(4): 304 (1986)—China.
- medicum
var. gracile Dunn ex R.H. Shan & M.L. Sheh in *Acta Phytotax. Sin.*, 24(4): 310 (1986)—China.
- oblongisectum C.C. Townsend in *Kew Bull.*, 42(3): 598 (1987)—Tanzania.
- officinale
subsp. longifolium (Waldstein & Kitaibel) R. Frey in *Candollea*, 44(1): 272 (26 July 1989); et in *Mitt. Bot. Mus. Univ. Zürich*, 383: 24 (9 August 1989), not effectively published as thesis in 1988: P. longifolium.
- subsp. paniculatum (Loiseleur) R. Frey in *Candollea*, 44(1): 273 (26 July 1989); et in *Mitt. Bot. Mus. Univ. Zürich*, 383: 25 (9 August 1989), not effectively published as thesis in 1988: P. paniculatum.
- praeruptorum
var. grande K.T. Fu in *Fl. Tsinlingensis*, 1(3): 463, 428 (1981)—China.
- quangxiense R.H. Shan & M.L. Sheh in *Acta Phytotax. Sin.*, 24(4): 308 (1986)—China.
- refractum Vill., *Cat. Méth. Pl. Jard. Strasb.*: 235 (1807); cf. D.J. Mabberley in *Taxon*, 33(3): 443 (1984)—Locality not stated.
- rubricaulis R.H. Shan & M.L. Sheh in *Acta Phytotax. Sin.*, 24(4): 305 (1986)—China.
- sonderi (Hiroe) B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 200 (1988 publ. 1989): Seseli sonderi.
- songpanense R.H. Shan & F.T. Pu in *Acta Phytotax. Sin.*, 27(1): 65 (1989)—China.
- stenospermum C.C. Townsend in *Kew Bull.*, 42(3): 600 (1987)—Zambia.
- stridii P. Hartvig in A. Strid (ed.), *Mount. Fl. Greece*, 1: 720 (1986)—Greece.
- tenue C.C. Townsend in *Kew Bull.*, 42(3): 602 (1987)—Zambia Tanzania.
- vourinense (Leute) P. Hartvig in A. Strid (ed.), *Mount. Fl. Greece*, 1: 720 (1986): P. longifolium subsp. vourinense.
- wulongense R.H. Shan & M.L. Sheh in *Acta Phytotax. Sin.*, 24(4): 309 (1986)—China.

PFAFFIA (Amaranthac.).

- eriphylla (Mart.) T.M. Pedersen in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 12(1): 88 (1990): Gomphrena eriphylla.
- sericantha (Mart.) T.M. Pedersen in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 12(1): 90 (1990): Gomphrena sericantha.
- townsendii T.M. Pedersen in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 12(1): 90 (1990)—Brazil.

PFEIFFERA (Cactac.).

- miyagawae W. Barthlott & W. Rauh in *Cact. Succ. J. (U.S.A.)*, 59(2): 63 (1987)—Bolivia.

PHACELIA (Hydrophyllac.).

- aldea R. Br. ex Sweet, *Hort. Brit.*: 295 (1827); cf. D.J. Mabberley in *Taxon*, 30(1): 16 (1981)—Locality not stated.
- demissa
var. minor N.D. Atwood in *Great Basin Nat.*, 46(2): 256 (1986)—U.S.A. (Utah).
- douglasii
subsp. cryptantha (Brand) R.M. Beauchamp in *Phytologia*, 59(7): 440 (1986): P. douglasii var. cryptantha.
- exilis (Gray) G.J. Lee in *Syst. Bot.*, 13(1): 18 (1988): P. mohavensis var. exilis.
- hintoniorum B.L. Turner in *Brittonia*, 38(2): 123 (1986)—Mexico.
- magellanica (Lam.) R. Br. ex Sweet, *Hort. Brit.*: 295 (1827); cf. D.J. Mabberley in *Taxon*, 30(1): 16 (1981): Basionym not stated.
- potosina B.L. Turner in *Brittonia*, 38(2): 124 (1986)—Mexico.
- zaragozana B.L. Turner in *Brittonia*, 38(2): 127 (1986)—Mexico.

PHACELLARIA (Santalac.).

- glomerata D.D. Tao in *Fl. Yunnanica*, 4: 780, 288 (1986); et in *Acta Phytotax. Sin.*, 25(5): 407 (1987)—China.

PHAEDRANASSA (Amaryllidac.).

- brevifolia A.W. Meerow in *Sida*, 12(1): 30 (1987)—Ecuador.

PHAGNALON (Compos.).

- lavranosii M. Qaiser & H.W. Lack in *Willdenowia*, 15(2): 442 (1986)—Afars Issas Terr.
- rechingeri H.W. Lack & M. Qaiser in *Pl. Syst. Evol.*, 155(1-4): 45 (1987)—Iran.

PHAIUS (Orchidac.).

- guizhouensis G.Z. Li in *J. Wuhan Bot. Res.*, 8(2): 142 (1990)—China.

PHALAENOPSIS (Orchidac.).

- sect. Deliciosae E.A. Christenson in *Indian Orchid J.*, 1(4): 152 (1985); et in *Selbyana*, 9(1): 167 (1986).
- braceana (J.D. Hook.) E.A. Christenson in *Selbyana*, 9(1): 169 (1986): Doritis braceana.
- cornu-cervi
var. flava Braem ex A. van Holle-de Raeye in *Schlechteriana*, 1990(3): 113 (1990)—Sumatra.
- lobbii (Reichenb. f.) L.V. Aver'yanov in *Bot. Zhurn.*, 73(3): 432 (1988): P. parishii var. lobbii.
- minor F.Y. Liu in *Acta Bot. Yunnanica*, 10(1): 119 (1988)—China.
- philippinensis Golamco ex J.A. Fowlie & C.Z. Tang in *Orchid Dig.*, 51(2): 92 (1987), as 'philippinense'—Philippine Is.
- taenialis (Lindl.) E.A. Christenson & U.C. Pradham in *Indian Orchid J.*, 1(4): 154 (1985); et in *Selbyana*, 9(1): 168 (1986): Aerides taeniale.
- thalebanii G. Seidenfaden in *Op. Bot.*, 95: 241 (1988)—Thailand.

PHALARIS (Gramin.).

- hispidula C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 104 (1784)—Japan.†

PHANEROSTYLIS (Compos.).

- hintoniorum (B. Turner) R.M. King & H. Robinson in *Phytologia*, 60(1): 80 (1986): Brickellia hintoniorum.

PHARBITIS (Convolvulac.).

- coerulea (Koen. ex Roxb.) Wall ex O'Shaughnessy, *Bengal Disp.*: 505 (1842); cf. D.J. Mabberley in *Taxon*, 32(1): 87 (1983): Basionym not stated.

PHARNACEUM (Molluginac.).

- spergula (L.) L.W. Dillwyn, *Rev. Hortus Malab.*: 51 (1839); cf. D.J. Mabberley in *Taxon*, 26(5-6): 533 (1977): Mollugo spergula.

PHASEOLUS (Legumin.).

- deliciosus Huber, *Cat. Print.* 1864: 4 (1864); cf. D.J. Mabberley in *Taxon*, 34(3): 451 (1985)—Locality not stated.

PHEBALIUM (Rutac.).

- equestre D.A. Cooke in *J. Adelaide Bot. Gard.*, 10(2): 241 (1987)—Australia (S. Australia).
- frondosum N.G. Walsh & D.E. Albrecht in *Muelleria*, 6(6): 405 (1988)—Australia (Victoria).
- rhytidophyllum D.E. Albrecht & N.G. Walsh in *Muelleria*, 6(6): 402 (1988)—Australia (New South Wales).
- wilsonii N.G. Walsh & D.E. Albrecht in *Muelleria*, 6(6): 399 (1988)—Australia (Victoria).

PHELIPANCHE (Scrophulariac.).

- astragali (Mouterde) J. Holub in *Preslia*, 62(3): 196 (1990): Orobanche astragali.
- ducellieri (Maire) J. Holub in *Preslia*, 62(3): 196 (1990): Orobanche ducellieri.
- laevis (L.) J. Holub in *Preslia*, 62(3): 196 (1990): Orobanche laevis.
- lanuginosa (C.A. Meyer) J. Holub in *Preslia*, 62(3): 196 (1990): Phelypaea lanuginosa.
- nikitae E.S. Terekhin in *Novosti Sist. Vyssh. Rast.* 24: 160 (1987)—U.S.S.R. (Middle Asia).
- rechingeri (Gilli) J. Holub in *Preslia*, 62(3): 196 (1990): Orobanche rechingeri.

PHELLODENDRON (Rutac.).

- amurense
var. molle (Nakai) S.H. Li & S.Z. Liou in *Fl. Liaoningica*, chief ed. S.X. Li, 1: 1051 (1988): P. molle.

PHELYPAEA (Scrophulariac.).

- ambigua A. Bunge, *Beitr. Fl. Russl.*: 253 (1852)—U.S.S.R. (Middle Asia).†

PHILADELPHUS (Hydrangeac.).

- laxu C.C. Gmel., *Hort. Mag. Duc. Bad. Carlsruh.*: 201 (1811); cf. D.J. Mabberley in *Taxon*, 33(3): 440 (1984)—Locality not stated.

PHILIPPIA (Ericac.).

- drakensbergensis E.G.H. Oliver in *Bothalia*, 15(3-4): 550 (1985)—South Africa (Natal, Cape Province), Lesotho.

PHILODENDRON (Arac.).

- subsect. Buloanum S.J. Mayo in *Bot. J. Linn. Soc.*, 100(2): 168 (1989), nom. nov.: P. "Gruppe" § Doratophyllum Engler.
- subsect. Canniphylum (Schott) S.J. Mayo in *Bot. J. Linn. Soc.*, 100(2): 168 (1989): P. grex Canniphylum.
- subsect. Eucardium (Engler) S.J. Mayo in *Bot. J. Linn. Soc.*, 100(2): 168 (1989): P. "Gruppe" § Eucardium.
- subsect. Oligocarpidium (Engler) S.J. Mayo in *Bot. J. Linn. Soc.*, 100(2): 168 (1989): P. "Gruppe" § Oligocarpidium.
- sect. Philopsammus G.S. Bunting in *Phytologia*, 60(5): 306 (1986).
- subgen. Pteromischum (Schott) S.J. Mayo in *Bot. J. Linn. Soc.*, 100(2): 168 (1989): P. grex Pteromischum.
- amplisium G.S. Bunting in *Phytologia*, 60(5): 307 (1986)—Venezuela.
- anaadu G.S. Bunting in *Phytologia*, 60(5): 309 (1986)—Venezuela.
- appunii G.S. Bunting in *Phytologia*, 60(5): 310 (1986)—Venezuela.
- azulitense T.B. Croat in *Aroideana*, 9(1-4): 79 (1986)—Venezuela.
- benitezii T.B. Croat in *Aroideana*, 9(1-4): 84 (1986)—Venezuela.
- borgesii G.S. Bunting in *Phytologia*, 60(5): 310 (1986)—Venezuela.
- brevispathum
subsp. holmquistii (Bunt.) G.S. Bunting in *Phytologia*, 64(6): 446 (1988): P. holmquistii.
- var. wurdackii T.B. Croat in *Aroideana*, 9(1-4): 88 (1986)—Venezuela.
- buntingianum T.B. Croat in *Aroideana*, 9(1-4): 89 (1986)—Venezuela.
- calatheifolium G.S. Bunting in *Phytologia*, 60(5): 311 (1986)—Venezuela.
- calosum
subsp. ptarianum (Steyerm.) G.S. Bunting in *Phytologia*, 64(6): 467 (1988): P. ptarianum.

PHILODENDRON :-

- canaimae G.S. Bunting in *Phytologia*, 60(5): 313 (1986)—Venezuela.
 cataniapoense G.S. Bunting in *Phytologia*, 60(5): 314 (1986)—Venezuela.
 conforme G.S. Bunting in *Phytologia*, 64(6): 467 (1988)—Venezuela.
 consobrinum G.S. Bunting in *Phytologia*, 60(5): 314 (1986)—Venezuela.
 dardanianum S.J. Mayo in *Bot. J. Linn. Soc.*, 100(2): 164 (1989), without latin descr. or type—Brazil.
 davidsei G.S. Bunting in *Phytologia*, 60(5): 316 (1986)—Venezuela.
 delascioi G.S. Bunting in *Phytologia*, 60(5): 317 (1986)—Venezuela.
 dyscarpium
 var. venturianum G.S. Bunting in *Phytologia*, 60(5): 317 (1986)—Venezuela.
 effusilobum T.B. Croat in *Aroideana*, 9(1-4): 99 (1986)—Venezuela.
 englerianum
 subsp. duidae (Steyer.) G.S. Bunting in *Phytologia*, 64(6): 468 (1988): P. duidae.
 exile G.S. Bunting in *Phytologia*, 60(5): 319 (1986)—Venezuela.
 glanduliferum
 subsp. camiloanum T.B. Croat in *Aroideana*, 9(1-4): 109 (1986)—Venezuela.
 guaiquinimae G.S. Bunting in *Phytologia*, 60(5): 319 (1986)—Venezuela.
 holstii G.S. Bunting in *Phytologia*, 64(6): 468 (1988)—Venezuela.
 inaequilaterum
 subsp. anthoblastum G.S. Bunting in *Phytologia*, 60(5): 319 (1986)—Venezuela.
 kautskiyi G.S. Bunting in *Phytologia*, 61(7): 441 (1987)—Brazil.
 liesneri G.S. Bunting in *Phytologia*, 60(5): 320 (1986)—Venezuela.
 linnaei
 var. rionegrense G.S. Bunting in *Phytologia*, 64(6): 469 (1988)—Venezuela.
 marahuacae G.S. Bunting in *Phytologia*, 60(5): 320 (1986)—Venezuela.
 mawarinumae G.S. Bunting in *Phytologia*, 64(6): 471 (1988)—Venezuela.
 milleri T.B. Croat in *Aroideana*, 9(1-4): 132 (1986)—Venezuela.
 multinervum G.S. Bunting in *Phytologia*, 60(5): 322 (1986)—Venezuela.
 nebulense G.S. Bunting in *Phytologia*, 64(6): 471 (1988)—Venezuela.
 orionis G.S. Bunting in *Phytologia*, 60(5): 322 (1986)—Venezuela.
 panduriforme
 var. reichenbachianum (Schott) T.B. Croat in *Aroideana*, 9(1-4): 140 (1986): P. reichenbachianum.
 peperomioides G.S. Bunting in *Phytologia*, 64(6): 472 (1988)—Venezuela.
 peraiense G.S. Bunting in *Phytologia*, 60(5): 324 (1986)—Venezuela.
 perplexum G.S. Bunting in *Phytologia*, 60(5): 325 (1986)—Venezuela.
 phlebodes
 var. kermesinum G.S. Bunting in *Phytologia*, 64(6): 474 (1988)—Venezuela.
 remifolium
 subsp. sabulosum (Bunt.) G.S. Bunting in *Phytologia*, 64(6): 467 (1988): P. sabulosum.
 rhodoaxis
 var. angustifolium G.S. Bunting in *Phytologia*, 60(5): 325 (1986)—Venezuela.
 roraimae
 subsp. aracamuniense G. Bunting in *Ann. Missouri Bot. Gard.*, 76(4): 948 (1989)—Venezuela.
 rothschuhianum (Engl. & Krause) T.B. Croat & M.H. Gray in *Ann. Missouri Bot. Gard.*, 74(3): 660 (1987); *Syngonium rothschuhianum*.
 sabulosum G.S. Bunting in *Phytologia*, 60(5): 326 (1986)—Venezuela.
 samayense G.S. Bunting in *Phytologia*, 64(6): 475 (1988)—Venezuela.
 scitulum G.S. Bunting in *Phytologia*, 64(6): 475 (1988)—Venezuela.
 simulans G.S. Bunting in *Phytologia*, 64(6): 476 (1988)—Venezuela.

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- spiritus-sancti G.S. Bunting in *Phytologia*, 61(7): 441 (1987)—Brazil.
 strictum G.S. Bunting in *Phytologia*, 60(5): 328 (1986)—Venezuela.
 sucrense G.S. Bunting in *Phytologia*, 60(5): 329 (1986)—Venezuela.
 tachirense G.S. Bunting in *Phytologia*, 60(5): 330 (1986)—Venezuela.
 tatei
 subsp. melanochlorum (Bunt.) G.S. Bunting in *Phytologia*, 60(5): 332 (1986): P. melanochlorum.
 triangulare G.S. Bunting in *Phytologia*, 60(5): 332 (1986)—Venezuela.
 triplum G.S. Bunting in *Ann. Missouri Bot. Gard.*, 76(3): 917 (1989)—Venezuela.
 venosum (Willd.) T.B. Croat in *Aroideana*, 9(1-4): 157 (1986): *Pothos venosa*.
 victoriae G.S. Bunting in *Phytologia*, 60(5): 333 (1986)—Venezuela.
 wurdackii G.S. Bunting in *Phytologia*, 60(5): 333 (1986)—Venezuela.
 yaracuense T.B. Croat in *Aroideana*, 9(1-4): 164 (1986)—Venezuela.
 yavitense G.S. Bunting in *Phytologia*, 60(5): 335 (1986)—Venezuela.
 yutajense G.S. Bunting in *Phytologia*, 64(6): 478 (1988)—Venezuela.

PHILOXERUS (Amaranthac.).

- brasiliensis R. Br. ex Sweet, *Hort. Suburb. Lond.*: 48 (1818); cf. D.J. Mabberley in *Taxon*, 30(1): 17 (1981)—Locality not stated.
 vermiculatus (L.) Sm. in Rees, *Cyclop.*, 27(1): *Phloxerus* no. 3 (1814); cf. D.J. Mabberley in *Taxon*, 30(1): 17 (1981): Basionym not stated.

PHILYDRELLA (Phylidrac.).

- drummondii L.G. Adams in *Fl. Australia*, 45: 454, 42 (1987)—Australia (W. Australia).
 pygmaea
 subsp. minima L.G. Adams in *Fl. Australia*, 45: 454, 43 (1987)—Australia (W. Australia).

PHLEBOCARYA (Haemodorac.).

- pilosissima
 subsp. teretifolia T.D. Macfarlane in *Fl. Australia*, 45: 465, 131 (1987)—Australia (W. Australia).

PHLEUM (Gramin.).

- ser. Hirsuta O.N. Dubovik in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1977: 78 (1977 publ. 1978).
 ser. Montana O.N. Dubovik in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1977: 79 (1977 publ. 1978).
 ser. Phleoidea O.N. Dubovik in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1977: 81 (1977 publ. 1978).
 arenarium
 subsp. caesium H. Scholz in *Willdenowia*, 19(2): 407 (1990)—Italy, France.
 exaratum
 subsp. breviglume (Bornm.) H. Scholz in *Willdenowia*, 19(2): 41 (1990): P. arenarium f. breviglume.
 hirsutum
 subsp. dactylinum A.G. Helm in *Ber. Bot.-Zool. Ges. Liechtenstein-S.-W.*, 17; 11 (1988)—Switzerland.
 paniculatum
 subsp. annuum (M. Bieb.) J. Holub in *Folia Geobot. Phytotax.* 23(4): 413 (1988): P. annuum.
 parviceps (Briq.) A.W. Hill in *Index Kewensis*, Suppl. 6: 152 (1916-20 publ. 1926): P. alpinum var. parviceps.
 tzvelevii O.N. Dubovik in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1977: 75 (1977 publ. 1978)—U.S.S.R. (Caucasus).
 vulgare (Celak.) A. Chase & C.D. Niles in *Index Grass Sp.*, 3: 81 (1962): P. pratense vulgare.

PHLOGACANTHUS (Acanthac.).

- quadrangularis (Hook.) H. Heine in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 10(2): 148 (1988): *Justicia quadrangularis*.

PHLOMIS (Labiata.).

- subsect. Albiflorae R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(8): 1167 (1990).
 subsect. Angustissimae R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(8): 1165 (1990).
 subsect. Australes R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(8): 1167 (1990).
 subsect. Brevispinae R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(8): 1167 (1990).
 subsect. Gymnophlomis R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(8): 1165 (1990).
 sect. *Gymnophlomis* (Benth.) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(8): 1164 (1990): P. § *Gymnophlomis*.
 sect. *Lychnites* (Benth.) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(8): 1165 (1990): P. § *Lychnites*.
 subsect. Macrodonga R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(8): 1165 (1990).
 sect. *Oncophlomis* R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(8): 1164 (1990).
 subsect. *Oppositiflorae* R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(8): 1165 (1990).
 subsect. *Orientalis* R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(8): 1166 (1990).
 subsect. *Oxyphlomis* R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(8): 1166 (1990).
 sect. *Oxyphlomis* (Benth.) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(8): 1166 (1990): P. § *Oxyphlomis*.
 subsect. *Paradendrophlomis* R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(8): 1166 (1990).
 sect. *Platyphlomis* R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(8): 1164 (1990).
 subsect. *Rigidae* R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(8): 1166 (1990).
 subsect. *Samiae* R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(8): 1167 (1990).
 subsect. *Viscosae* R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(8): 1164 (1990).
 brevidentata H.W. Li in *Fl. Xizangica*, 4: 157 (1985)—Xizang.
 × *composita*
 nothovar. *almijarensis* (Pau) I. Mateu in *Acta Bot. Malacitana*, 11: 193 (1986): P. × *almijarensis*.
 nothovar. *malacitana* (Pau) I. Mateu in *Acta Bot. Malacitana*, 11: 194 (1986): P. *crinita* var. *malacitana*.
 nothovar. *trullenquei* (Pau) I. Mateu in *Acta Bot. Malacitana*, 11: 193 (1986): P. × *trullenquei*.
 herba-venti
 var. *laxiflora* (Vel.) Iv. Asenov in *Fl. Nar. Republ. Bulgariya*, 9: 419 (1989): P. *pungens* subsp. *laxiflora*.
 × *margaritae* A. Aparicio & S. Silvestre in *Lagascalia*, 14(1): 100 (1986)—Spain. (P. *composita* × *purpurea*).
 nana C.Y. Wu in *Fl. Xizangica*, 4: 154 (1985)—Xizang.
 nyalamensis H.W. Li in *Fl. Xizangica*, 4: 157 (1985)—Xizang.
 thapsoides A. Bunge, *Beitr. Fl. Russl.*: 264 (1852)—U.S.S.R. (Middle Asia). †
 umbrosa
 var. *subaustralis* K.T. Fu & J.Q. Fu in *Fl. Tsinlingensis*, 1(4): 398, 246 (1983)—China.
 var. *sylvatica* K.T. Fu & J.Q. Fu in *Fl. Tsinlingensis*, 1(4): 398, 246 (1983)—China.

PHLOMIOIDES (Labiata.).

- subsect. *Alpinae* (Knorr.) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 244 (1990).
 subsect. *Annuae* R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 245 (1990).
 subsect. *Cordatae* (M. Pop.) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 246 (1990): *Eremostachys grex Cordatae*.
 sect. *Filipendula* R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 245 (1990).
 sect. *Filipendula* (M. Pop.) T.A. Adylov, R.V. Kamelin & A. Makhmedov in *Novosti Sist. Vyssh. Rast.*, 23: 111 (1986), bas. not valid: *Eremostachys* sect. *Filipendula*.
 subsect. *Fulgentes* (M. Pop.) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 248 (1990): *Eremostachys grex Fulgentes*.

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- subsect. *Gymnocalyces* (*M. Pop.*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 249 (1990): *Eremostachys* grex *Gymnocalyces*.
- subsect. *Hissaricae* R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 247 (1990).
- subsect. *Integrifoliae* (*M. Pop.*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 246 (1990): *Eremostachys* grex *Integrifoliae*.
- subsect. *Labiosae* R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 249 (1990).
- subsect. *Laciniatae* (*M. Pop.*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 248 (1990): *Eremostachys* grex *Laciniatae*.
- subsect. *Lyratae* (*M. Pop.*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 247 (1990): *Eremostachys* grex *Lyratae*.
- subsect. *Melananthae* R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 243 (1990).
- subsect. *Mulienae* R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 243 (1990), as 'comb. nov.' with 3 basionyms, but valid as new taxon.
- subsect. *Orientalis* R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 242 (1990).
- subsect. *Regelianae* R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 250 (1990).
- subsect. *Rhodanthae* (*M. Pop.*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 246 (1990): *Eremostachys* grex *Rhodanthae*.
- subsect. *Speciosae* (*M. Pop.*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 248 (1990): *Eremostachys* grex *Speciosae*.
- subsect. *Spectabiles* R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 247 (1990).
- subsect. *Tetragonae* R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 244 (1990).
- subsect. *Tianschanicae* R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 245 (1990).
- subsect. *Vulnerantes* (*Rech. f.* & *Koeie*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 244 (1990): *Eremostachys* grex *Vulnerantes*.
- adenantha* (*Jaub.* & *Spach*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 249 (1990): *Eremostachys* *adenantha*.
- admirabilis* (*Tschern.*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 243 (1990): *Phlomis* *admirabilis*.
- agraria* (*Bge.*) T.A. Adylov, R. Kam. & A. Makhmedov in *Opred. Rast. Sred. Azii*, 9: 106 (1987): *Phlomis* *agraria*.
- alaica* (*Knorr.*) T.A. Adylov, R. Kam. & A. Makhmedov in *Opred. Rast. Sred. Azii*, 9: 107 (1987): *Phlomis* *alaica*.
- alberti* (*Rgl.*) T.A. Adylov, R. Kam. & A. Makhmedov in *Opred. Rast. Sred. Azii*, 9: 101 (1987): *Eremostachys* *alberti*.
- alpina* (*Pall.*) T.A. Adylov, R. Kam. & A. Makhmedov in *Opred. Rast. Sred. Azii*, 9: 104 (1987): *Phlomis* *alpina*.
- ambigua* (*M. Pop. ex Pazij & Vved.*) T.A. Adylov, R. Kam. & A. Makhmedov in *Opred. Rast. Sred. Azii*, 9: 95 (1987): *Eremostachys* *ambigua*.
- ambigua* (*Hand.-Mazz.*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 242 (1990): *Phlomis* *ambigua*.
- andersii* (*Rech. f.*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 246 (1990): *Eremostachys* *andersii*.
- angreni* (*M. Pop.*) T.A. Adylov, R. Kam. & A. Makhmedov in *Opred. Rast. Sred. Azii*, 9: 101 (1987): *Eremostachys* *angreni*.
- arctifolia* (*M. Pop.*) T.A. Adylov, R. Kam. & A. Makhmedov in *Opred. Rast. Sred. Azii*, 9: 102 (1987): *Eremostachys* *arctifolia*.
- ariana* (*Hedge*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 249 (1990): *Eremostachys* *ariana*.
- atropurpurea* (*Dunn*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 243 (1990): *Phlomis* *atropurpurea*.
- azerbajjanica* (*Rech. f.*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 249 (1990): *Eremostachys* *azerbajjanica*.
- baburii* (*Adyl.*) T.A. Adylov in *Opred. Rast. Sred. Azii*, 9: 100 (1987): *Eremostachys* *baburii*.
- baissunensis* (*M. Pop.*) T.A. Adylov, R. Kam. & A. Makhmedov in *Opred. Rast. Sred. Azii*, 9: 96 (1987): *Eremostachys* *baissunensis*.

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- baldschuanica* (*Rgl.*) T.A. Adylov, R. Kam. & A. Makhmedov in *Opred. Rast. Sred. Azii*, 9: 95 (1987): *Eremostachys* *baldschuanica*.
- bamianica* (*Rech. f.*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 248 (1990): *Eremostachys* *bamianica*.
- beckeri* (*Rgl.*) T.A. Adylov, R. Kam. & A. Makhmedov in *Opred. Rast. Sred. Azii*, 9: 92 (1987): *Eremostachys* *beckeri*.
- betonicoides* (*Diels*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 245 (1990): *Phlomis* *betonicoides*.
- boissieriana* (*Rgl.*) T.A. Adylov, R. Kam. & A. Makhmedov in *Opred. Rast. Sred. Azii*, 9: 91 (1987): *Eremostachys* *boissieriana*.
- botschantzevii* (*Adyl.*) T.A. Adylov in *Opred. Rast. Sred. Azii*, 9: 94 (1987): *Eremostachys* *botschantzevii*.
- brachystegia* (*Bge.*) T.A. Adylov, R. Kam. & A. Makhmedov in *Opred. Rast. Sred. Azii*, 9: 103 (1987): *Phlomis* *brachystegia*.
- bracteosa* (*Royle ex Benth.*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 244 (1990): *Phlomis* *bracteosa*.
- breviflora* (*Benth.*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 244 (1990): *Phlomis* *breviflora*.
- bungei* (*Regel*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 250 (1990): *Eremostachys* *bungei*.
- burmanica* (*Mukerjee*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 245 (1990): *Phlomis* *burmanica*.
- canescens* (*Rgl.*) T.A. Adylov, R. Kam. & A. Makhmedov in *Opred. Rast. Sred. Azii*, 9: 104 (1987): *Phlomis* *canescens*.
- cephalariifolia* (*M. Pop.*) T.A. Adylov, R. Kam. & A. Makhmedov in *Opred. Rast. Sred. Azii*, 9: 96 (1987): *Eremostachys* *cephalariifolia*.
- chinghoensis* (*G.Y. Wu*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 245 (1990): *Phlomis* *chinghoensis*.
- codonocalyx* (*Rech. f.*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 250 (1990): *Eremostachys* *codonocalyx*.
- congesta* (*G.Y. Wu*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 244 (1990): *Phlomis* *congesta*.
- cordifolia* (*Regel*) T.A. Adylov, R.V. Kamelin & A.M. Makhmedov in *Novosti Sist. Vyssh. Rast.*, 23: 115 (1986): *Eremostachys* *cordifolia*.
- czuiliensis* (*Golsk.*) T.A. Adylov, R. Kam. & A. Makhmedov in *Opred. Rast. Sred. Azii*, 9: 96 (1987): *Eremostachys* *czuiliensis*.
- dentosa* (*Franch.*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 245 (1990): *Phlomis* *dentosa*.
- dszumrutensis* (*Afan.*) T.A. Adylov, R. Kam. & A. Makhmedov in *Opred. Rast. Sred. Azii*, 9: 105 (1987): *Phlomis* *dszumrutensis*.
- ebracteolata* (*M. Pop.*) T.A. Adylov, R. Kam. & A. Makhmedov in *Opred. Rast. Sred. Azii*, 9: 100 (1987): *Eremostachys* *ebracteolata*.
- ericalyx* (*Rgl.*) T.A. Adylov, R. Kam. & A. Makhmedov in *Opred. Rast. Sred. Azii*, 9: 99 (1987): *Eremostachys* *ericalyx*.
- ferganensis* (*M. Pop.*) T.A. Adylov, R. Kam. & A. Makhmedov in *Opred. Rast. Sred. Azii*, 9: 104 (1987): *Phlomis* *ferganensis*.
- fetisowii* (*Rgl.*) T.A. Adylov, R. Kam. & A. Makhmedov in *Opred. Rast. Sred. Azii*, 9: 102 (1987): *Eremostachys* *fetisowii*.
- fimbriata* (*G.Y. Wu*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 243 (1990): *Phlomis* *fimbriata*.
- forrestii* (*Diels*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 243 (1990): *Phlomis* *forrestii*.
- franchetiana* (*Diels*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 243 (1990): *Phlomis* *franchetiana*.
- freitagii* (*Rech. f.*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 246 (1990): *Eremostachys* *freitagii*.
- fulgens* (*Bge.*) T.A. Adylov, R. Kam. & A. Makhmedov in *Opred. Rast. Sred. Azii*, 9: 94 (1987): *Eremostachys* *fulgens*.

PHLOMOIDES :-

- glabra* (*Boiss. ex Benth.*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 246 (1990): *Eremostachys* *glabra*.
- gymnocalyx* (*Schrenk*) T.A. Adylov, R. Kam. & A. Makhmedov in *Opred. Rast. Sred. Azii*, 9: 99 (1987): *Eremostachys* *gymnocalyx*.
- gymnoclada* (*Rech. f.* & *Koeie*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 247 (1990): *Eremostachys* *gymnoclada*.
- gypsacea* (*M. Pop.*) T.A. Adylov, R. Kam. & A. Makhmedov in *Opred. Rast. Sred. Azii*, 9: 100 (1987): *Eremostachys* *gypsacea*.
- hajastanica* (*Sosn.*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 249 (1990): *Eremostachys* *hajastanica*.
- hissarica* (*Rgl.*) T.A. Adylov, R. Kam. & A. Makhmedov in *Opred. Rast. Sred. Azii*, 9: 101 (1987): *Eremostachys* *hissarica*.
- hybrida* (*Zelen.*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 242 (1990): *Phlomis* *hybrida*.
- hyoscyamoides* (*Boiss.* & *Buhse*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 250 (1990): *Eremostachys* *hyoscyamoides*.
- iliensis* (*Rgl.*) T.A. Adylov, R. Kam. & A. Makhmedov in *Opred. Rast. Sred. Azii*, 9: 98 (1987): *Eremostachys* *iliensis*.
- impressa* (*Pazij & Vved.*) T.A. Adylov, R. Kam. & A. Makhmedov in *Opred. Rast. Sred. Azii*, 9: 100 (1987): *Eremostachys* *impressa*.
- inaequalisepala* (*G.Y. Wu*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 244 (1990): *Phlomis* *inaequalisepala*.
- integior* (*Pazij & Vved.*) T.A. Adylov, R. Kam. & A. Makhmedov in *Opred. Rast. Sred. Azii*, 9: 98 (1987): *Eremostachys* *integior*.
- jeholensis* (*Nakai & Kitagawa*) R.V. Kamelin & A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 242 (1990): *Phlomis* *jeholensis*.
- kamelinii* A.M. Makhmedov in *Bot. Zhurn.*, 75(2): 248 (1990), nom. nov., without replaced synonym: Replaced synonym not stated.
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prostrata C. Hansen in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 12(1): 39 (1990)—Vietnam.
sessilifolia C. Hansen in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 12(1): 39 (1990)—Vietnam.
stonei A. Weber in *Pl. Syst. Evol.*, 157(3-4): 192 (1987)—Malaya.
suberalata C. Hansen in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 12(1): 39 (1990)—Vietnam.
subrotunda C. Hansen in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 12(1): 40 (1990)—Vietnam.
tentaculifera C. Hansen in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 12(1): 40 (1990)—China.
truncata C. Hansen in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 12(1): 40 (1990)—Vietnam.

PHYLLANTHODENDRON (Euphorbiac.).

- sect. Tetrandrum* P.T. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 73(3): 8 (1987).
breynoioides P.T. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(3): 6 (1987)—China.
caudatifolium P.T. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(3): 7 (1987)—China.
moi (P.T. Li) P.T. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(3): 9 (1987): *Phyllanthus moi*.
orbicularifolium P.T. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(3): 5 (1987)—China.
petraeum P.T. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(3): 4 (1987)—China.

PHYLLANTHUS (Euphorbiac.).

- subsect. Applanata* L.J.M. Santiago in *Bradea*, 5(2): 45 (1988), without type.
subgen. Metaphyllanthus P.T. Li in *Acta Phytotax. Sin.*, 25(5): 382 (1987).
subsect. Urinaria R. Haicour & Rossignol in *Amer. J. Bot.*, 74(12): 1857 (1987 publ. 1988).
amicorum G.L. Webster in *Pac. Sci.*, 40(1-4): 100 (1986 publ. 1987)—Tonga.
barbae M.C. Johnston in *Syst. Bot.*, 11(1): 35 (1986)—Mexico.
borrenensis M.G. Gilbert in *Kew Bull.*, 42(2): 354 (1987)—Ethiopia.
dewildeorum M.G. Gilbert in *Kew Bull.*, 42(2): 356 (1987), as 'dewildiorum'—Ethiopia.
dongfangensis P.T. Li in *Acta Phytotax. Sin.*, 25(5): 382 (1987)—Hainan.
edmundoi L.J.M. Santiago in *Bradea*, 5(2): 46 (1988)—Brazil.
embergeri R. Haicour & Rossignol in *Amer. J. Bot.*, 74(12): 1860 (1987 publ. 1988)—Vietnam, China, Hong Kong, Taiwan, India.
fangchengensis P.T. Li in *Acta Phytotax. Sin.*, 25(5): 377 (1987)—China.
fimbrialyx P.T. Li in *Acta Phytotax. Sin.*, 25(5): 380 (1987)—China.
gentryi G.L. Webster in *Ann. Missouri Bot. Gard.*, 75(3): 1096 (1988)—Panama.
goianensis L.J.M. Santiago in *Bradea*, 5(2): 45 (1988)—Brazil.
guangdongensis P.T. Li in *Acta Phytotax. Sin.*, 25(5): 376 (1987)—China.
leptocladus
var. pubescens P.T. Li & D.Y. Liu in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 181 (1986)—China.
megacarpa (Gamble) G.R. Kumari & M. Chandrabose in *A.N. Henry, G.R. Kumari & V. Chithra, Fl. Tamil Nadu, India, Ser. 1, 2: 238* (1987): *Reidia megacarpa*.
montrouzieri A. Guillaumin in *Ann. Soc. Bot. Lyon*, 38: 109 (1913 publ. 1914); et *Sp. Montrouzi*: 35 (1914) (reprint)—New Caledonia.†
mooneyi M.G. Gilbert in *Kew Bull.*, 42(2): 357 (1987)—Ethiopia.
nanellus P.T. Li in *Acta Phytotax. Sin.*, 25(5): 376 (1987)—Hainan.
nozeranii Rossignol & R. Haicour in *Amer. J. Bot.*, 74(12): 1858 (1987 publ. 1988)—Vietnam, China, Thailand, Malaya, Laos, Cambodia, India.
oblongiglans M.G. Gilbert in *Kew Bull.*, 42(2): 359 (1987)—Ethiopia.
scandens W. Roxburgh ex L.W. Dillwyn, *Rev. Hortus Malab.*: 7 (1839); fide D.J. Mabberley in *Taxon*, 26(5-6): 533 (1977)—India.
singampattianus (Sebastine & Henry) G.R. Kumari & M. Chandrabose in *A.N. Henry, G.R. Kumari & V. Chithra, Fl. Tamil Nadu, India, Ser. 1, 2: 238* (1987): *Reidia singampattiana*.
smithianus G.L. Webster in *Pac. Sci.*, 40(1-4): 99 (1986 publ. 1987)—Fiji.
stipulaceus (Gamble) G.R. Kumari & M. Chandrabose in *A.N. Henry, G.R. Kumari & V. Chithra, Fl. Tamil Nadu, India, Ser. 1, 2: 239* (1987): *Reidia stipulacea*.
tsiangii P.T. Li in *Acta Phytotax. Sin.*, 25(5): 375 (1987), nom. nov.: *Nymphanthus ruber* Lour.
urinaria
subsp. nudicarpus Rossignol & R. Haicour in *Amer. J. Bot.*, 74(12): 1861 (1987 publ. 1988)—Vietnam, Hainan, Philippine Is.

PHYLLOCEPHALUM (Compos.).

- anthelminticum* (L.) S.R. Paul & S.L. Kapoor in *J. Econ. Taxon. Bot.*, 6(3): 728 (1985): *Conyza anthelmintica*.
courtallense (Wight) B.M. Narayana in *Curr. Sci.*, 51(8): 438 (1982): *Decaneurum courtallense*.
mayurii (C.E.C. Fischer) B.M. Narayana in *Curr. Sci.*, 51(8): 438 (1982): *Centratherum mayurii*.
phyllolaenum (DC.) B.M. Narayana in *Curr. Sci.*, 51(8): 438 (1982): *Decaneurum phyllolaenum*.
rangacharii (Gamble) B.M. Narayana in *Curr. Sci.*, 51(8): 438 (1982): *Centratherum rangacharii*.
ritchiei (Hook. f.) B.M. Narayana in *Curr. Sci.*, 51(8): 438 (1982): *Centratherum ritchei*.

PHYLLOCEPHALUM :-

- ritchiei (*Hook. f.*) *Almeida in J. Bombay Nat. Hist. Soc.*, 85(3): 522 (1988 publ. 1989), isonym: *Centratherum ritchiei*.
 sengaltherianum (*Narayana*) *B.M. Narayana in Curr. Sci.*, 51(8): 438 (1982): *Centratherum sengaltherianum*.
 tenue (*Clarke*) *B.M. Narayana in Curr. Sci.*, 51(8): 439 (1982): *Centratherum tenue*.

PHYLLODOCE (*Ericac.*).

- deflexa *Ching ex H.P. Yang in Acta Phytotax. Sin.*, 28(5): 403 (1990)—China.

PHYLLOPODIUM (*Scrophulariac.*).

- anomalum *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 45(3): 484 (1988 publ. 1989)—South Africa (Cape Province).
 caespitosum *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 46(3): 341 (1990): *Manulea capillaris*.
 capillare (*L.f.*) *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 46(3): 341 (1990): *Manulea capillaris*.
 collinum (*Hiern*) *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 45(3): 484 (1988 publ. 1989): *Polycarena collina*.
 cordatum (*Thumb.*) *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 46(3): 341 (1990): *Selago cordata*.
 dolomiticum *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 45(3): 484 (1988 publ. 1989)—South Africa (Cape Province).
 elegans (*Choisy*) *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 45(3): 484 (1988 publ. 1989): *Selago elegans*.
 lupuliforme (*Thellung*) *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 45(3): 485 (1988 publ. 1989): *Polycarena lupuliformis*.
 maxii (*Hiern*) *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 45(3): 485 (1988 publ. 1989): *Polycarena maxii*.
 micranthum (*Schltr.*) *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 45(3): 485 (1988 publ. 1989): *Polycarena rariflora* var. *micrantha*.
 mimetes *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 45(3): 485 (1988 publ. 1989)—South Africa (Cape Province).
 namaense (*Thellung*) *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 45(3): 485 (1988 publ. 1989): *Polycarena namaensis*.
 pubiflorum *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 45(3): 485 (1988 publ. 1989)—South Africa (Cape Province).
 rustii (*Rolfe*) *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 45(3): 486 (1988 publ. 1989): *Selago rustii*.
 tweedense *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 45(3): 486 (1988 publ. 1989)—South Africa (Cape Province).
 viscidissimum *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 45(3): 486 (1988 publ. 1989)—South Africa (Cape Province).

PHYLLOSTACHYS (*Gramin.*).

- aristata *W.T. Lin in Acta Phytotax. Sin.*, 26(3): 230 (1988)—China.
 breviligula *W.T. Lin & Z.M. Wu in Acta Phytotax. Sin.*, 26(3): 229 (1988)—China.
 carnea *G.H. Ye & Z.P. Wang in Acta Phytotax. Sin.*, 27(3): 228 (1989)—China.
 edulis
f. gracilis (*Hsiung*) *C.S. Chao & S.A. Renvoise in Kew Bull.*, 43(3): 420 (1988): *P. pubescens* f. *gracilis*.
f. huamozhu (*Wen.*) *C.S. Chao & S.A. Renvoise in Kew Bull.*, 43(3): 420 (1988): *P. pubescens* f. *huamozhu*.
f. luteosulcata (*Wen.*) *C.S. Chao & S.A. Renvoise in Kew Bull.*, 43(3): 420 (1988): *P. pubescens* f. *luteosulcata*.
f. nabeshimana (*Muroi*) *C.S. Chao & S.A. Renvoise in Kew Bull.*, 43(3): 420 (1988): *Sinoarundinaria pubescens* f. *nabeshimana*.
f. viridisulcata (*Wen.*) *C.S. Chao & S.A. Renvoise in Kew Bull.*, 43(3): 421 (1988): *P. pubescens* f. *viridisulcata*.
 nigrivagina *T.H. Wen in J. Bamboo Res.*, 8(1): 15 (1989)—China.

PHYLLOSTACHYS :-

- sulphurea
f. houzeauana (*Chu & Chao*) *C.S. Chao & S.A. Renvoise in Kew Bull.*, 43(3): 419 (1988): *P. viridis* f. *houzeauana*.
f. robertii *C.S. Chao & S.A. Renvoise in Kew Bull.*, 43(3): 419 (1988)—China.
 viridis
f. viridisulcata *P.X. Chang in J. Bamboo Res.*, 8(4): 40 (1989)—China.
 vivax
f. aureocaulis *N.X. Ma in J. Bamboo Res.*, 4(1): 56 (1985)—China.

PHYLLOSTEGIA (*Labiata.*).

- adenophora *H. St. John in Phytologia*, 63(3): 172 (1987)—Hawaiian Is.
 alba *H. St. John in Phytologia*, 63(3): 172 (1987)—Hawaiian Is.
 arenicola *H. St. John in Phytologia*, 63(3): 172 (1987)—Hawaiian Is.
 atomifera *H. St. John in Phytologia*, 63(3): 172 (1987)—Hawaiian Is.
 axillaris *H. St. John in Phytologia*, 63(3): 172 (1987)—Hawaiian Is.
 brevicealycis *H. St. John in Phytologia*, 63(3): 172 (1987)—Hawaiian Is.
 brevilobata *H. St. John in Phytologia*, 63(3): 173 (1987)—Hawaiian Is.
 brevis *H. St. John in Phytologia*, 63(3): 173 (1987)—Hawaiian Is.
 brighamii *H. St. John in Phytologia*, 63(3): 173 (1987)—Hawaiian Is.
 bryanii (*Sherff*) *H. St. John in Phytologia*, 63(3): 173 (1987): *P. racemosa* var. *bryanii*.
 capitata *H. St. John in Phytologia*, 63(3): 173 (1987)—Hawaiian Is.
 catenulata *H. St. John in Phytologia*, 63(3): 173 (1987)—Hawaiian Is.
 cernau *H. St. John in Phytologia*, 63(3): 173 (1987)—Hawaiian Is.
 chartacea *H. St. John in Phytologia*, 63(3): 173 (1987)—Hawaiian Is.
 cordata *H. St. John in Phytologia*, 63(3): 173 (1987)—Hawaiian Is.
 cowanii *H. St. John in Phytologia*, 63(3): 174 (1987)—Hawaiian Is.
 curta *H. St. John in Phytologia*, 63(3): 174 (1987)—Hawaiian Is.
 decemiflorifer *H. St. John in Phytologia*, 63(3): 174 (1987)—Hawaiian Is.
 decumbens *H. St. John in Phytologia*, 63(3): 174 (1987)—Hawaiian Is.
 deltoidea *H. St. John in Phytologia*, 63(3): 174 (1987)—Hawaiian Is.
 elliptica *H. St. John in Phytologia*, 63(3): 174 (1987)—Hawaiian Is.
 fagerlindii (*Sherff*) *H. St. John in Phytologia*, 63(3): 174 (1987): *P. mollis* var. *fagerlindii*.
 fayi *H. St. John in Phytologia*, 63(3): 174 (1987)—Hawaiian Is.
 foliosa *H. St. John in Phytologia*, 63(3): 175 (1987)—Hawaiian Is.
 glabriuscula (*A. Gray*) *H. St. John in Phytologia*, 63(3): 175 (1987): *P. parviflora* var. *glabriuscula*.
 glandulosa *H. St. John in Phytologia*, 63(3): 175 (1987)—Hawaiian Is.
 grandiflora
 var. *majoricalycis* *H. St. John in Phytologia*, 63(3): 175 (1987)—Hawaiian Is.
 heterodoxa (*Sherff*) *H. St. John in Phytologia*, 63(3): 175 (1987): *P. brevidens* var. *heterodoxa*.
 hiata *H. St. John in Phytologia*, 63(3): 175 (1987)—Hawaiian Is.
 hitchcockii (*Sherff*) *H. St. John in Phytologia*, 63(3): 175 (1987): *P. stachyoides* var. *hitchcockii*.
 hobdyi *H. St. John in Phytologia*, 63(3): 175 (1987)—Hawaiian Is.
 hualalaiensis *H. St. John in Phytologia*, 63(3): 175 (1987)—Hawaiian Is.
 imminuta (*Sherff*) *H. St. John in Phytologia*, 63(3): 175 (1987): *P. helleri* var. *imminuta*.
 insignis *H. St. John in Phytologia*, 63(3): 175 (1987)—Hawaiian Is.
 interrupta *H. St. John in Phytologia*, 63(3): 176 (1987)—Hawaiian Is.
 kaalaensis *H. St. John in Phytologia*, 63(3): 176 (1987)—Hawaiian Is.

PHYLLOSTEGIA :-

- kahiliensis *H. St. John in Phytologia*, 63(3): 176 (1987)—Hawaiian Is.
 kamokuensis *H. St. John in Phytologia*, 63(3): 176 (1987)—Hawaiian Is.
 kauaiensis *H. St. John in Phytologia*, 63(3): 176 (1987)—Hawaiian Is.
 kauensis *H. St. John in Phytologia*, 63(3): 176 (1987)—Hawaiian Is.
 kilaueaensis *H. St. John in Phytologia*, 63(3): 176 (1987)—Hawaiian Is.
 kohalaensis *H. St. John in Phytologia*, 63(3): 176 (1987)—Hawaiian Is.
 konaensis *H. St. John in Phytologia*, 63(3): 176 (1987)—Hawaiian Is.
 lanaiensis (*Sherff*) *H. St. John in Phytologia*, 63(3): 177 (1987): *P. glabra* var. *lanaiensis*.
 lantanoides
 var. *konahuanuiana* *H. St. John in Phytologia*, 63(3): 177 (1987)—Hawaiian Is.
 laxior (*Deg. & Sherff*) *H. St. John in Phytologia*, 63(3): 177 (1987): *P. hirsuta* var. *laxior*.
 lebishoppii *H. St. John in Phytologia*, 63(3): 177 (1987)—Hawaiian Is.
 lehuaensis *H. St. John in Phytologia*, 63(3): 177 (1987)—Hawaiian Is.
 leukantha *H. St. John in Phytologia*, 63(3): 177 (1987)—Hawaiian Is.
 longitubata *H. St. John in Phytologia*, 63(3): 177 (1987)—Hawaiian Is.
 lydgatei (*Sherff*) *H. St. John in Phytologia*, 63(3): 177 (1987): *P. mollis* var. *lydgatei*.
 makawaensis *H. St. John in Phytologia*, 63(3): 177 (1987)—Hawaiian Is.
 manoana *H. St. John in Phytologia*, 63(3): 177 (1987)—Hawaiian Is.
 micrantha *H. St. John in Phytologia*, 63(3): 178 (1987)—Hawaiian Is.
 molokaiensis *H. St. John in Phytologia*, 63(3): 178 (1987)—Hawaiian Is.
 moniliformis *H. St. John in Phytologia*, 63(3): 178 (1987)—Hawaiian Is.
 montana *H. St. John in Phytologia*, 63(3): 178 (1987)—Hawaiian Is.
 multiflora *H. St. John in Phytologia*, 63(3): 178 (1987)—Hawaiian Is.
 oahuensis *H. St. John in Phytologia*, 63(3): 178 (1987)—Hawaiian Is.
 obatae *H. St. John in Phytologia*, 63(3): 178 (1987)—Hawaiian Is.
 occidentalis *H. St. John in Phytologia*, 63(3): 178 (1987)—Hawaiian Is.
 odorata *H. St. John in Phytologia*, 63(3): 179 (1987)—Hawaiian Is.
 olokeleensis *H. St. John in Phytologia*, 63(3): 179 (1987)—Hawaiian Is.
 olokuensis *H. St. John in Phytologia*, 63(3): 179 (1987)—Hawaiian Is.
 orientalis *H. St. John in Phytologia*, 63(3): 179 (1987)—Hawaiian Is.
 ovata *H. St. John in Phytologia*, 63(3): 179 (1987)—Hawaiian Is.
 phytolaccoides (*Sherff*) *H. St. John in Phytologia*, 63(3): 179 (1987): *P. macrophylla* var. *phytolaccoides*.
 var. *salebrosa* *H. St. John in Phytologia*, 63(3): 179 (1987)—Hawaiian Is.
 pilosa *H. St. John in Phytologia*, 63(3): 179 (1987)—Hawaiian Is.
 pilosicincta *H. St. John in Phytologia*, 63(3): 179 (1987)—Hawaiian Is.
 pilosula *H. St. John in Phytologia*, 63(3): 180 (1987)—Hawaiian Is.
 pluriflora *H. St. John in Phytologia*, 63(3): 180 (1987)—Hawaiian Is.
 plurinodosa *H. St. John in Phytologia*, 63(3): 180 (1987)—Hawaiian Is.
 polyantha *H. St. John in Phytologia*, 63(3): 180 (1987)—Hawaiian Is.
 pubens *H. St. John in Phytologia*, 63(3): 180 (1987)—Hawaiian Is.
 reflexa *H. St. John in Phytologia*, 63(3): 180 (1987)—Hawaiian Is.
 remyi (*Sherff*) *H. St. John in Phytologia*, 63(3): 180 (1987): *P. macrophylla* var. *remyi*.
 repanda *H. St. John in Phytologia*, 63(3): 180 (1987)—Hawaiian Is.

PHYLLOSTEGIA :-

- retrorsa *H. St. John in Phytologia*, 63(3): 180 (1987)—Hawaiian Is.
 rhuakos *H. St. John in Phytologia*, 63(3): 181 (1987)—Hawaiian Is.
 rubescens *H. St. John in Phytologia*, 63(3): 181 (1987)—Hawaiian Is.
 rubritincta *H. St. John in Phytologia*, 63(3): 181 (1987)—Hawaiian Is.
 secunda *H. St. John in Phytologia*, 63(3): 181 (1987)—Hawaiian Is.
 serrata *H. St. John in Phytologia*, 63(3): 181 (1987)—Hawaiian Is.
 sexiflora *H. St. John in Phytologia*, 63(3): 181 (1987)—Hawaiian Is.
 suaveolens *H. St. John in Phytologia*, 63(3): 181 (1987)—Hawaiian Is.
 swezeyi *H. St. John in Phytologia*, 63(3): 181 (1987)—Hawaiian Is.
 temaria *H. St. John in Phytologia*, 63(3): 182 (1987)—Hawaiian Is.
 tongaensis *H. St. John in Phytologia*, 63(3): 182 (1987)—Tonga.
 triangularis *H. St. John in Phytologia*, 63(3): 182 (1987)—Hawaiian Is.
 triquetra *H. St. John in Phytologia*, 63(3): 182 (1987)—Hawaiian Is.
 velutina (*Sherff*) *H. St. John in Phytologia*, 63(3): 182 (1987): *P. macrophylla* var. *velutina*.
 waianaensis *H. St. John in Phytologia*, 63(3): 182 (1987)—Hawaiian Is.
 warschaueri *H. St. John in Phytologia*, 63(3): 182 (1987)—Hawaiian Is.

PHYLOHYDRAX C. Puff in *Pl. Syst. Evol.*, 154(3-4): 362 (1987). **RUBIACEAE**.

- carcosa (*Hochst.*) C. Puff in *Pl. Syst. Evol.*, 154(3-4): 362 (1986): *Diodia carcosa*.
 madagascariensis (*Roem. & Schult.*) C. Puff in *Pl. Syst. Evol.*, 154(3-4): 363 (1986): *Hydrophylax madagascariensis*.

PHYMASPERMUM (Compos.).

- acerosum (*DC.*) M. Källersjö in *Nordic J. Bot.*, 5(6): 538 (1985 publ. 1986): *Morysia acerosa*.
 argenteum *F. Brusse in Bothalia*, 19(1): 29 (1989)—South Africa (Transvaal).
 athanassioides (*S. Moore*) M. Källersjö in *Nordic J. Bot.*, 5(6): 538 (1985 publ. 1986): *Pentzia athanassioides*.
 bolusii (*Hutch.*) M. Källersjö in *Nordic J. Bot.*, 5(6): 538 (1985 publ. 1986): *Brachymeris bolusii*.
 erubescens (*Hutch.*) M. Källersjö in *Nordic J. Bot.*, 5(6): 538 (1985 publ. 1986): *Brachymeris erubescens*.
 montanum (*Hutch.*) M. Källersjö in *Nordic J. Bot.*, 5(6): 538 (1985 publ. 1986): *Brachymeris montana*.
 peglerae (*Hutch.*) M. Källersjö in *Nordic J. Bot.*, 5(6): 538 (1985 publ. 1986): *Brachymeris peglerae*.
 pinnatifidum (*Oliv.*) M. Källersjö in *Nordic J. Bot.*, 5(6): 538 (1985 publ. 1986): *Pentzia pinnatifida*.
 scoparium (*DC.*) M. Källersjö in *Nordic J. Bot.*, 5(6): 538 (1985 publ. 1986): *Brachymeris scoparia*.
 villosum (*Hilliard*) M. Källersjö in *Nordic J. Bot.*, 5(6): 538 (1985 publ. 1986): *Athanasia villosa*.
 woodii (*Theell.*) M. Källersjö in *Nordic J. Bot.*, 5(6): 538 (1985 publ. 1986): *Pentzia woodii*.

PHYSARIA (Crucif.).

- acutifolia
 var. *stylosa* (*Rollins*) S.L. Welsh in *Great Basin Nat.*, 46(2): 255 (1986): *P. stylosa*.
 chambersii
 var. *sobolifera* S.L. Welsh in *Great Basin Nat.*, 46(2): 255 (1986)—U.S.A. (Utah).

PHYSINGA (Orchidac.).

- polygonata (*Lindl.*) D.D. Dod in *Moscossa*, 3: 101 (1984): *Epidendrum polygonatum*.

PHYSOTRICHIA (Umbellif.).

- muriculata (*Welw. ex Hiern*) S. Droop & C.C. Townsend in *Kew Bull.*, 42(3): 587 (1987): *Peucedanum muriculatum*.

PHYTEUMA (Campanulac.).

- barrelieri *Vill., Cat. Méth. Pl. Jard. Strasb.*: 183 (1807); cf. *D.J. Mabberley in Taxon*, 33(3): 443 (1984)—Locality not stated.
 spicatum
 subsp. *nigrum* (*F.W. Schmidt*) E.J. Weeda in *Gorteria*, 15(1): 24 (1989): *P. nigrum*.

PHYTOLACCA (Phytolaccac.).

- erubescens *Huber, Wochenschrift*, 13: 168 (1870); cf. *D.J. Mabberley in Taxon*, 34(3): 451 (1985)—Locality not stated.

PICEA (Pinac.).

- subgen. *Casicta* (*Mayr*) P.A. Schmidt in *Hausknechtia, Mitt. Thüring. Bot. Ges.*, 4: 38 (1988), isonym; see *E. Murray in Kalmia*, 14: 11 (1984): *P. sect. Casicta*.
 sect. *Pungentes* (*Bohr.*) P.A. Schmidt in *Hausknechtia, Mitt. Thüring. Bot. Ges.*, 4: 38 (1988): *P. ser. Pungentes*.
 abies
 var. *alpestris* (*Bruegger*) P.A. Schmidt in *Hausknechtia, Mitt. Thüring. Bot. Ges.*, 4: 38 (1988): *P. alpestris*.
 aurantiaca
 var. *retroflexa* (*Mast.*) C.T. Kuan & L.J. Zhou in *Fl. Sichuanica*, 2: 71 (1983): *P. retroflexa*.
 brachytyla
 var. *pachyclada* (*Patschke*) J. Silba in *Phytologia*, 68(1): 39 (1990): *P. pachyclada*.
 engelmannii
 subsp. *mexicana* (*Martinez*) P.A. Schmidt in *Hausknechtia, Mitt. Thüring. Bot. Ges.*, 4: 38 (1988): *P. mexicana*.

×*fennica*

- nothosubsp. *uralensis* (*Tepl.*) P.A. Schmidt in *Hausknechtia, Mitt. Thüring. Bot. Ges.*, 4: 38 (1988): *P. vulgaris* var. *uralensis*.

glauca

- subsp. *albertiana* (*S. Brown*) P.A. Schmidt in *Hausknechtia, Mitt. Thüring. Bot. Ges.*, 4: 38 (1988): *P. albertiana*.

jezoensis

- subsp. *hondoensis* (*Mayr*) P.A. Schmidt in *Hausknechtia, Mitt. Thüring. Bot. Ges.*, 4: 38 (1988): *P. hondoensis*.

- f. *kamtchatkensis* (*Lacas.*) S.L. Tung & Y.L. Chou in *Y.L. Chou, Ligneous Fl. Heilongjiang*: 46 (1986): *P. kamtchatkensis*.

koraensis

- var. *intercedens* (*Nakai*) Y.L. Chou & S.L. Tung in *Y.L. Chou, Ligneous Fl. Heilongjiang*: 49 (1986): *P. intercedens*.

likiangensis

- var. *bhutanica* J. Silba in *Phytologia*, 68(1): 41 (1990)—Bhutan.

- var. *forrestii* J. Silba in *Phytologia*, 68(1): 41 (1990)—China.

- martinezii* T.F. Patterson in *Sida*, 13(2): 131 (1988)—Mexico.

meyerii

- var. *mongolica* H.Q. Wu in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 153 (1986)—China.

purpurea

- var. *balfouriana* (*Rehder & Wilson*) J. Silba in *Phytologia*, 68(1): 44 (1990): *P. balfouriana*.

- var. *hirtella* (*Rehder & Wilson*) J. Silba in *Phytologia*, 68(1): 44 (1990): *P. hirtella*.

spinulosa

- var. *pseudobrachytyla* J. Silba in *Phytologia*, 68(1): 45 (1990)—Bhutan, China, India.

- var. *yatungensis* J. Silba in *Phytologia*, 68(1): 45 (1990)—Xizang.

wilsonii

- var. *shanxiensis* J. Silba in *Phytologia*, 68(1): 46 (1990)—China.

- var. *watsoniana* (*Masters*) J. Silba in *Phytologia*, 68(1): 46 (1990): *P. watsoniana*.

PICRAMNIA :-

- deflexa* W.W. Thomas in *Brittonia*, 40(1): 92 (1988)—Mexico.
elliptica *Kuhlmann ex J.R. Pirani & W.W. Thomas in Bol. Mus. Paraense Emilio Goeldi, Bot.*, 4(2): 273 (1988)—Brazil.
excelsa *Kuhlmann ex J.R. Pirani in Bol. Bot. (São Paulo)*, 10: 8 (1988)—Brazil.
ferrea J.R. Pirani & W.W. Thomas in *Bol. Mus. Paraense Emilio Goeldi, Bot.*, 4(2): 272 (1988)—Brazil.
guerrerensis W.W. Thomas in *Brittonia*, 40(1): 96 (1988)—Mexico.
hirsuta W.W. Thomas in *Brittonia*, 40(1): 99 (1988)—Mexico, Guatemala.

PICRASMA (Simaroubac.).

- quassioides
 var. *dasycarpa* (*Kitag.*) S.Z. Liou in *Fl. Liaoningica*, chief ed. S.X. Li, 1: 1054 (1988): *P. ailanthoides* var. *dasycarpa*.

PICRIS (Compos.).

- hieracioides
 subsp. *rieli* (*Sennen*) O. de Bolòs & J. Vigo in *Fontqueria*, 14: 9 (1987): *P. rieli*.
japonica C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 711 (1784)—Japan. †
littoralis P. Baltasar Merino, *Algunas Pl. Rar. ... de La Guardia (Pontevedra)*: 33 (1895)—Spain.
wagenitzii H.W. Lack in *Bot. Jahrb.*, 108(2-3): 189 (1987)—Australia (W. Australia).

PILEA (Urticac.).

- angolensis
 subsp. *christiaensenii* (*Lambinon*) I. Friis in *Kew Bull.*, 43(4): 648 (1988): *P. christiaensenii*.
 bambuseti
 subsp. *aethiopica* I. Friis in *Kew Bull.*, 43(4): 648 (1988)—Ethiopia.
flammula P. Brack in *Napaea, Rev. Bot.*, 3: 1 (1987)—Brazil.
 funkianensis
 var. *rotundinucula* (*Hayata*) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 3: 431 (1988): *P. rotundinucula*.
 var. *somai* (*Hayata*) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 3: 432 (1988): *P. somai*.
gesnerioides I.A. Grudzinskaya in *Novosti Sist. Vyssh. Rast.*, 25: 80 (1988)—Cuba.
howardiana J.D. Skean & W.S. Judd in *Rhodora*, 90(863): 216 (1988)—Hispaniola (Haiti).
hydra P. Brack in *Napaea, Rev. Bot.*, 3: 3 (1987)—Brazil.
johnstonii
 subsp. *kiwuensis* (*Engl.*) I. Friis in *Kew Bull.*, 43(4): 648 (1988): *P. kiwuensis*.
 subsp. *rwandensis* I. Friis in *Kew Bull.*, 43(4): 648 (1988)—Zaire.
pedroi I.A. Grudzinskaya in *Novosti Sist. Vyssh. Rast.*, 25: 82 (1988)—Cuba.
perexigua (*Griseb.*) I.A. Grudzinskaya & P. Herrera in *Novosti Sist. Vyssh. Rast.*, 23: 52 (1986): *P. microphylla* var. *perexigua*.
 plataniflora
 var. *taitoensis* (*Hayata*) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 3: 430 (1988): *P. taitoensis*.
tabularis C.C. Berg in *Bull. Mus. Nation. Hist. Nat., B, Adansonia, Ser. 4*, 7(4): 429 (1985 publ. 1986)—French Guiana.
 usambarensis
 var. *engleri* (*Rendle*) I. Friis in *Kew Bull.*, 43(4): 648 (1988): *P. engleri*.
 var. *veronicifolia* (*Engl.*) I. Friis in *Kew Bull.*, 43(4): 648 (1988): *P. veronicifolia*.

PILOCOSTA (Melastomatac.).

- campanensis* (*Almeda & Whiffin*) F. Almeda in *Proc. Calif. Acad. Sci.*, Ser. 4, 46(9): 219 (1989): *P. oerstedii* subsp. *campanensis*.

PILOGYNE (Cucurbitac.).

- lucida* *Naud. ex Huber, Cat. 1866*: 7 (1866); cf. *D.J. Mabberley in Taxon*, 34(3): 452 (1985)—Locality not stated.

PILOSELLA (Compos.).

- sect. Auriculina (Fries) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 354 (1989): Hieracium II. Auriculina.
- sect. Cymosina (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 343 (1989): Hieracium subsect. Cymosina.
- sect. Echinina (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 328 (1989): Hieracium subsect. Echinina.
- sect. Praealtina (Gremli) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 329 (1989): Hieracium grex Praealtina.
- acutisquama (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 355 (1989): Hieracium auricula subsp. acutisquamum.
- adenoclada (Rehm.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 335 (1989): Hieracium magyaticum subsp. adenocladum.
- agathantha (Rehm.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 338 (1989): Hieracium magyaticum subsp. agathanthum.
- altaica (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 349 (1989): Hieracium collinum subsp. altaicum.
- amaureilema (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 356 (1989): Hieracium auricula subsp. amaureilema.
- amaurochlora (Zahn) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 351 (1989): Hieracium pratense subsp. amaurochlorum.
- amnoon (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 340 (1989): Hieracium magyaticum subsp. amnoon.
- aquilonaris (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 331 (1989): Hieracium florentinum var. aquilonare.
- arctogena (Norrl.) R.N. Shlyakov in *Arktich. Fl. SSSR*, 10: 388 (1987); et in Fl. *Evropejskoj Chasti SSSR*, 8: 345 (1989): Hieracium arctogenum.
- ×arida (Frey) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 364 (1989): Hieracium aridum.
- armeniaca (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 343 (1989): Hieracium magyaticum subsp. armeniacum.
- arvorum (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 338 (1989): Hieracium magyaticum subsp. arvorum.
- asiatica (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 329 (1989): Hieracium echioides subsp. asiaticum.
- besseriana (Spreng.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 340 (1989): Hieracium besserianum.
- botrychodes (Zahn) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 335 (1989): Hieracium baubini subsp. botrychodes.
- callicyma (Rehm.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 336 (1989): Hieracium magyaticum subsp. callicymum.
- carpathicola (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 353 (1989): Hieracium aurantiacum subsp. carpathicola.
- chaunocyma (Rehm.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 338 (1989): Hieracium magyaticum subsp. chaunocymum.
- concoloriformis (Norrl.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 334 (1989): Hieracium concoloriforme.
- conflectens (Norrl.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 347 (1989): Hieracium conflectens.
- contracta (Norrl.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 347 (1989): P. pubescens var. contracta.
- crassisetia (Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 359 (1989): Hieracium crassisetum.
- cylindriceps (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 334 (1989): Hieracium florentinum subsp. cylindriceps.
- cymantha (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 336 (1989): Hieracium magyaticum subsp. cymanthum.
- dilutior (Rehm.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 332 (1989): Hieracium florentinum subsp. dilutius.

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- dissoluta (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 349 (1989): Hieracium collinum subsp. dissolutum.
- dobromilensis (Rehm.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 334 (1989): Hieracium dobromilense.
- dolinensis (Rehm.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 333 (1989): Hieracium florentinum subsp. dolinense.
- dublanensis (Rehm.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 348 (1989): Hieracium collinum subsp. dublanense.
- ×dybowskiana (Rehm.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 373 (1989): Hieracium trigenes subsp. dybowskianum.
- empodista (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 335 (1989): Hieracium magyaticum subsp. empodistum.
- ericetorum (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 331 (1989): Hieracium florentinum subsp. ericetorum.
- erratica (Norrl.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 346 (1989): Hieracium erraticum.
- erythrophyloides (Zahn) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 335 (1989): Hieracium baubini subsp. erythrophyloides.
- euryantela (Dahlst.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 346 (1989): Hieracium cymosum subsp. euryantelum.
- eusciodia (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 346 (1989): Hieracium cymosum subsp. eusciodium.
- ×fallaciformis (Litv. & Zahn) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 359 (1989): Hieracium fallaciforme.
- fastigiata (Tausch ex Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 335 (1989): Hieracium magyaticum subsp. fastigiatum.
- ferroviae (Rehm.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 343 (1989): Hieracium magyaticum subsp. ferroviae.
- filifera (Tausch) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 341 (1989): Hieracium filiferum.
- floccipedunculata (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 333 (1989): Hieracium florentinum subsp. floccipedunculatum.
- galiciensis (Blocki) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 332 (1989): Hieracium galiciense.
- glaucochroa (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 351 (1989): Hieracium collinum subsp. glaucochroum.
- glomerabilis (Norrl.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 347 (1989): Hieracium pubescens * glomerabile.
- granitophila (Norrl.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 345 (1989): Hieracium granitophilum.
- ×gudarica G. Mateo in *Collect. Bot.*, 18: 155 (1990)—Spain. (P. pseudopilosella × pseudovahlia).
- heothina (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 341 (1989): Hieracium magyaticum subsp. heothinum.
- hispidissima (Rehm. ex Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 336 (1989): Hieracium magyaticum subsp. hispidissimum.
- holmiensis (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 345 (1989): Hieracium cymosum var. holmiense.
- imponens (Norrl.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 353 (1989): Hieracium imponens.
- ingrica (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 338 (1989): Hieracium magyaticum subsp. ingricum.
- insolens (Norrl.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 343 (1989): Hieracium insolens.
- karpinskyana (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 328 (1989): Hieracium verruculatum subsp. karpinskyanum.
- knappii (Blocki) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 332 (1989): Hieracium knappii.
- lactucella subsp. bergidensis (Lainz) M. Lainz, *Mis contrib. locum. fl. Asturias*: 73 (1982): Hieracium lactucella subsp. bergidense.
- ×lamprocoma (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 376 (1989): Hieracium hypeuryum subsp. lamprocomum.

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- leptadenia (Dahlst.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 345 (1989): Hieracium cymosum subsp. leptadenium.
- leptocaulon (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 349 (1989): Hieracium collinum subsp. leptocaulon.
- leptothyrsa (Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 347 (1989): Hieracium leptothyrsium.
- ×leptothyrsoides (Zahn) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 366 (1989), without basionym ref.: Basionym not stated.
- limenyensis (Zahn) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 336 (1989): Hieracium baubini var. limenyense.
- lithuanica (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 355 (1989): Hieracium auricula subsp. lithuanicum.
- ×longa (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 360 (1989): Hieracium euchaetium subsp. longum.
- lyccensis (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 333 (1989): Hieracium florentinum subsp. lyccense.
- macrocyra (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 329 (1989): Hieracium echioides subsp. macrocymum.
- malacotricha (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 329 (1989): Hieracium echioides subsp. malacotrichum.
- marginalis (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 343 (1989): Hieracium magyaticum subsp. marginale.
- maurocybe (Juxip) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 331 (1989): Hieracium maurocybe.
- megalomastix (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 341 (1989): Hieracium magyaticum subsp. megalomastix.
- melaneilema (Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 355 (1989): Hieracium auricula subsp. melaneilema.
- mnooclada (Rehm.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 339 (1989): Hieracium magyaticum subsp. mnoocladium.
- molliseta (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 344 (1989): Hieracium fallax subsp. mollisetum.
- myriothricha (Rehm.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 343 (1989): Hieracium magyaticum subsp. myriothrichum.
- neriedowae (Woloszcz. & Zahn) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 353 (1989): Hieracium aurantiacum subsp. neriedowae.
- nigriseta (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 340 (1989): Hieracium magyaticum subsp. nigrisetum.
- nigrosilvarum (Juxip) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 332 (1989): Hieracium nigrosilvarum.
- obscuribracteata (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 338 (1989): Hieracium magyaticum subsp. obscuribracteatum.
- obsistens (Norrl.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 353 (1989): Hieracium obsistens.
- parvistolona (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 335 (1989): Hieracium magyaticum subsp. parvistolomum.
- peleteriana subsp. subpeleteriana (Naegeli & Peter) P.D. Sell in *Watsonia*, 18(1): 92 (1990): Hieracium peleterianum subsp. subpeleterianum.
- plicatula (Zahn) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 338 (1989): Hieracium baubini subsp. plicatulum.
- ×podolica (Rehm.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 376 (1989): Hieracium hypeuryum subsp. podolicum.
- polyanthema (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 338 (1989): Hieracium magyaticum subsp. polyanthemum.
- polymnoon (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 348 (1989): Hieracium macranthelium subsp. polymnoon.
- praalta subsp. thaumasia (Peter) P.D. Sell in *Watsonia*, 18(1): 92 (1990): Hieracium magyaticum subsp. thaumasium.

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- przybyslawskii (Rehm.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 356 (1989): Hieracium hoppeanum subsp. przybyslawskii.
- pseudauriculoides (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 339 (1989): Hieracium magyricum subsp. pseudauriculoides.
- pseudokajanensis R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 354 (1989)—U.S.S.R. (European Russia).
- pseudomegalomastix (Rehm.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 341 (1989): Hieracium magyricum subsp. pseudomegalomastix.
- pseudosparsa (Zahn) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 334 (1989): Hieracium bauhini subsp. pseudosparsum.
- pseudothaumasia (Zahn) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 340 (1989): Hieracium bauhini subsp. pseudothaumasium.
- pseudovahlia (de Retz) G. Mateo in Collect. Bot., 18: 156 (1990), as 'pseudopilosella': Hieracium pseudovahlia.
- rawaruskana (Zahn) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 349 (1989): Hieracium pratense subsp. rawaruskanum.
- rojowskii (Rehm.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 334 (1989): Hieracium magyricum subsp. rojowskii.
- saeva (Rehm.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 343 (1989): Hieracium magyricum subsp. saevum.
- samarica (Zahn) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 348 (1989): Hieracium cymosum subsp. samaricum.
- sandrasica P. Hartvig & A. Strid in Bot. Jahrb., 108(2-3): 309 (1987)—Turkey.
- sanii (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 332 (1989): Hieracium florentinum subsp. sanii.
- scandinavica (Dahlst.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 371 (1989): Hieracium scandinavicum.
- scotodes (Norrl.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 345 (1989): Hieracium scotodes.
- sedutrix (Rehm.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 339 (1989): Hieracium magyricum subsp. sedutrix.
- semilitorea (Norrl.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 344 (1989): Hieracium semilitoreum.
- setosopetiolata (Rehm.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 331 (1989): Hieracium florentinum subsp. setosopetiolatum.
- sororians (Norrl.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 332 (1989): Hieracium sororians.
- spathophyllopus (Zahn) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 331 (1989): Hieracium florentinum subsp. spathophyllopus.
- stellata (Tausch ex Zahn) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 332 (1989): Hieracium florentinum subsp. stellatum.
- subaurantiaca (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 353 (1989): Hieracium aurantiacum subsp. subaurantiacum.
- subfilifera (Zahn) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 340 (1989): Hieracium bauhini subsp. subfiliferum.
- submacrolepis R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 356 (1989), nom. nov.: Hieracium hoppeanum subsp. macrolepis Naeg. & Peter.
- suchonensis (Norrl.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 347 (1989): Hieracium suchonense.
- sysolskiensis (Zahn) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 368 (1989): Hieracium acrocomum subsp. sysolskiense.
- tabergensis (Dahlst.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 345 (1989): Hieracium cymosum subsp. tabergense.
- tenacicaulis (Norrl.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 345 (1989): Hieracium tenacicaule.
- tenebricans (Norrl.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 333 (1989): P. septentrionalis var. tenebricans.
- thausioides (Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 336 (1989): Hieracium magyricum subsp. thausioides.

PILOSELLA :-

- tjapomensis (Norrl.) R.N. Shlyakov in Arktich. Fl. SSSR, 10: 389 (1987): Hieracium tjapomense.
- ×tremedalis G. Mateo in Collect. Bot., 18: 155 (1990)—Spain. (P. pseudovahlia × tardans).
- tricheilema (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 355 (1989): Hieracium auricula subsp. tricheilema.
- trichocymosa (Zahn) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 344 (1989): Hieracium cymosum subsp. trichocymosum.
- trichocymosoides (Juxip) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 347 (1989): Hieracium trichocymosoides.
- varatinensis (Woloszcz.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 339 (1989): Hieracium varatinense.
- viscidula (Tausch) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 340 (1989): Hieracium bauhini β. viscidulum.
- volhynica (Naeg. & Peter) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 341 (1989): Hieracium magyricum subsp. volhynicum.
- vulpina (Rehm.) R.N. Shlyakov in Fl. *Evropejskoj Chasti SSSR*, 8: 356 (1989): Hieracium hoppeanum subsp. vulpinum.

PILOSOCEREUS (Cactac.).

- subgen. Floribunda (Ritter) P.J. Braun in Bradleya, 6: 90 (1988): gen. Floribunda.
- subgen. Lagenopsis (F. Buxbaum) P.J. Braun in Bradleya, 6: 89 (1988): Coleocepalocereus subgen. Lagenopsis.
- albusum P. Braun & E. Esteves Pereira in Kakt. And. Sukk., 38(5): 130 (1987)—Brazil.
- braunii E. Esteves Pereira in Kakt. And. Sukk., 38(5): 132 (1987)—Brazil.
- cenepequei C.T. Rizzini & A. de Mattos-Filho in Rev. Brasil. Biol., 46(2): 324 (1986)—Brazil.
- crystalinensis P. Braun & E. Esteves Pereira in Kakt. And. Sukk., 38(5): 132 (1987); et in Kakt. And. Sukk., 38(7): 166 (1987)—Brazil.
- diersianus (Esteves) P.J. Braun in Bradleya, 6: 88 (1988): Pseudopilocereus diersianus.
- flexibilispinus P.J. Braun & E. Esteves Pereira in Kakt. And. Sukk., 41(5): 88 (1990)—Brazil.
- kanukuensis (Alexander) B.E. Leuenberger in Willdenowia, 16(2): 506 (9 March 1987): Cephalocereus kanukuensis.
- kanukuensis (Alexander) P.J. Braun in Succulenta, 66(5): 106 (May 1987), received at Kew 21 May 1987: Cephalocereus kanukuensis.
- lindaianus P. Braun & E. Esteves Pereira in Kakt. And. Sukk., 38(5): 132 (1987)—Brazil.
- parvus (Diers & Esteves) P.J. Braun in Bradleya, 6: 88 (1988): Pseudopilocereus parvus.
- pleurocarpus (Ritter) P.J. Braun in Bradleya, 6: 88 (1988): Cipocereus pleurocarpus.
- pusillibaccatus P.J. Braun & E. Esteves Pereira in Cact. Succ. J. (U.S.A.), 58(6): 240 (1986)—Brazil.
- pusilliflorus (Ritter) P.J. Braun in Bradleya, 6: 90 (1988): Floribunda pusilliflora.
- schoebelii P.J. Braun in Cact. Succ. J. (U.S.A.), 59(4): 150 (1987)—Brazil.
- subsimilis C.T. Rizzini & A. de Mattos-Filho in Rev. Brasil. Biol., 46(2): 327 (1986)—Brazil.
- vilaboensis (Diers & Esteves) P.J. Braun in Bradleya, 6: 88 (1988): Pseudopilocereus vilaboensis.

PIMELEA (Thymelaeac.).

- sect. Heterantheros B.L. Rye in Nuytsia, 6(2): 148 (1988).
- sect. Macrostegia (Turcz.) B.L. Rye in Nuytsia, 6(2): 222 (1988): gen. Macrostegia.
- sect. Stipostachys B.L. Rye in Nuytsia, 6(2): 224 (1988).
- aquilonia B.L. Rye in Fl. Australia, 18: 323, 170 (1990)—Australia (Queensland).
- avonensis B.L. Rye in Nuytsia, 6(2): 239 (1988)—Australia (W. Australia).
- axiflora
- subsp. pubescens B.L. Rye in Fl. Australia, 18: 323, 156 (1990)—Australia (New South Wales).
- brevifolia
- subsp. modesta (Meissner) B.L. Rye in Nuytsia, 6(2): 258 (1988): P. modesta.

PIMELEA :-

- brevistyla
- subsp. minor B.L. Rye in Nuytsia, 6(2): 242 (1988)—Australia (W. Australia).
- ciliata
- subsp. longituba B.L. Rye in Nuytsia, 6(2): 246 (1988)—Australia (W. Australia).
- ciliolaris (Threlfall) B.L. Rye in Fl. Australia, 18: 324, 175 (1990): P. octophylla subsp. ciliolaris.
- cracens B.L. Rye in Nuytsia, 6(2): 209 (1988)—Australia (W. Australia).
- subsp. glabra B.L. Rye in Nuytsia, 6(2): 211 (1988)—Australia (W. Australia).
- curviflora
- var. gracilis (R. Br.) S. Threlfall in Fl. S. Australia, 4: 2147 (1986): P. gracilis.
- drummondii (Turcz.) B.L. Rye in Nuytsia, 6(2): 219 (1988): Calyptrostegia drummondii.
- erecta B.L. Rye in Nuytsia, 6(2): 189 (1988)—Australia (W. Australia).
- graniticola B.L. Rye in Nuytsia, 6(2): 177 (1988)—Australia (W. Australia).
- halophila B.L. Rye in Nuytsia, 6(2): 154 (1988)—Australia (W. Australia).
- imbricata
- var. major (Meissner) B.L. Rye in Nuytsia, 6(2): 182 (1988): P. microcephala var. major.
- var. petraea (Meissner) B.L. Rye in Nuytsia, 6(2): 184 (1988): P. petraea.
- var. simulans B.L. Rye in Fl. Australia, 18: 324, 178 (1990)—Australia (W. Australia).
- interioris B.L. Rye in Fl. Australia, 18: 324, 163 (1990)—Australia (N. Terr.).
- lehmanniana
- subsp. nervosa (Meissner) B.L. Rye in Nuytsia, 6(2): 232 (1988): P. lehmanniana var. nervosa.
- longiflora
- subsp. eyrei (F. Muell.) B.L. Rye in Nuytsia, 6(2): 196 (1988): P. eyrei.
- pagophila B.L. Rye in Fl. Australia, 18: 324, 192 (1990)—Australia (Victoria).
- pelinos B.L. Rye in Nuytsia, 7(1): 59 (1989)—Australia (W. Australia).
- pendens B.L. Rye in Nuytsia, 6(2): 205 (1988)—Australia (W. Australia).
- serpyllifolia
- subsp. occidentalis B.L. Rye in Nuytsia, 6(2): 153 (1988)—Australia (W. Australia).
- sessilis B.L. Rye in Nuytsia, 6(2): 232 (1988)—Australia (W. Australia).
- spiculigera
- var. thesioides (S. Moore) B.L. Rye in Nuytsia, 6(2): 164 (1988): P. thesioides.
- spinescens B.L. Rye in Fl. Australia, 18: 324, 153 (1990)—Australia (Victoria).
- subsp. pubiflora B.L. Rye in Fl. Australia, 18: 324, 153 (1990)—Australia (Victoria).
- suaevolens
- subsp. flava B.L. Rye in Nuytsia, 6(2): 218 (1988)—Australia (W. Australia).
- subvillifera (Threlfall) B.L. Rye in Nuytsia, 6(2): 185 (1988): P. octophylla subsp. subvillifera.
- PIMENTA (Myrtac.).
- podocarpoides (Areces) L.R. Landrum in Fl. Neotrop., 45: 99 (1986): Myrteckmania podocarpoides.
- pseudocaryophyllus
- var. fulvescens (A.P. de Candolle) L.R. Landrum in Fl. Neotrop., 45: 104 (1986): Eugenia fulvescens.
- var. hoehnei (Burret) L.R. Landrum in Fl. Neotrop., 45: 104 (1986): Pseudocaryophyllus hoehnei.
- PIMPINELLA (Umbellif.).
- ahmarensis D. Abebe in Kew Bull., 44(2): 346 (1989)—Ethiopia.
- filipedicellata S.L. Liou in Acta Phytotax. Sin., 28(2): 145 (1990)—Xizang.
- hadacii L. Engstrand in Fl. Iran., 162: 327 (1987)—Iraq.
- heywoodii D. Abebe in Kew Bull., 44(2): 341 (1989)—Ethiopia.
- khorsanica L. Engstrand in Fl. Iran., 162: 328 (1987)—Iran.
- petrosa D. Abebe in Kew Bull., 44(2): 343 (1989)—Ethiopia.
- rhomboida
- var. tenuiloba R.H. Shan & F.T. Pu in Acta Phytotax. Sin., 27(1): 63 (1989)—China.

PIMPINELLA :-

- schimperii* D. Aebe in *Kew Bull.*, 44(2): 343 (1989)—Ethiopia.
valleculosa K.T. Fu in *Fl. Tsinlingensis*, 1(3): 457, 405 (1981)—China.
woodii C.C. Townsend in *Kew Bull.*, 41(1): 59 (1986)—Yemen.
xizangensis R.H. Shan & F.T. Pu in *Acta Phytotax. Sin.*, 24(4): 311 (1986)—Xizang.
zhongdianensis C.Y. Wu in *Fl. Xizangica*, 3: 475 (1986)—China, Xizang.

PINANGA (Palmae).

- bicolana* E.S. Fernando in *Principes*, 32(4): 172 (1988)—Philippine Is.

PINDA P.K. Mukherjee & L. Constance in *Kew Bull.*, 41(1): 224 (1986). **UMBELLIFERAE**.

- concanensis* (Dalzell) P.K. Mukherjee & L. Constance in *Kew Bull.*, 41(1): 226 (1986): *Heracleum concanense*.

PINELLIA (Arac.).

- yaoluopingensis* X.H. Guo & X.L. Liu in *Acta Bot. Yunnanica*, 8(2): 223 (1986)—China.

PINGUICULA (Lentibulariac.).

- sect. Crassifolia* F. Speta & F. Fuchs in *Stapfia*, 10: 113 (1982).
barbata S.Z. Ruiz & J. Rzedowski in *Phytologia*, 60(4): 256 (1986)—Mexico.
crassifolia S. Zamudio in *Acta Bot. Mex.*, 3: 21 (1988)—Mexico.
ehlersiae F. Speta & F. Fuchs in *Stapfia*, 10: 114 (1982), as 'ehlersae'—Mexico.
emarginata S.Z. Ruiz & J. Rzedowski in *Phytologia*, 60(4): 258 (1986)—Mexico.
fiorii F. Tammaro & L. Pace in *Inform. Bot. Ital.*, 19(3): 430 (1987 publ. 1988)—Italy.
gracilis S. Zamudio in *Acta Bot. Mex.*, 3: 25 (1988)—Mexico.
laeana F. Speta & F. Fuchs in *Phyton (Austria)*, 29(1): 94 (1989)—Mexico.
lutea
f. alba G.W. Folkerts & J.D. Freeman in *Castanea*, 54(1): 40 (1989)—U.S.A. (Florida).
potosiensis F. Speta & F. Fuchs in *Phyton (Austria)*, 29(1): 100 (1989)—Mexico.
rectifolia F. Speta & F. Fuchs in *Phyton (Austria)*, 29(1): 97 (1989)—Mexico.
takakii S.Z. Ruiz & J. Rzedowski in *Phytologia*, 60(4): 260 (1986)—Mexico.
zecheri F. Speta & F. Fuchs in *Stapfia*, 10: 111 (1982)—Mexico.

PINUS (Pinac.).

- subsect. Coxinoidea* P. Landry in *Phytologia*, 65(6): 479 (1989).
subsect. Gojae P. Landry in *Phytologia*, 65(6): 470 (1989).
subsect. Nat-clethianae P. Landry in *Phytologia*, 65(6): 471 (1989).
subsect. Nucifragae P. Landry in *Phytologia*, 65(6): 477 (1989).
subsect. Resinosae W. Klaus in *Pl. Syst. Evol.*, 162(1-4): 159 (1989).
subsect. Rzedowskiae W. Klaus in *Pl. Syst. Evol.*, 162(1-4): 142 (1989).
subsect. Rzedowskianae S. Carvajal in *Phytologia*, 59(2): 134 (1986).
armandii
var. dabeshanensis (Cheng & Law) J. Silba in *Phytologia*, 68(1): 47 (1990): P. dabeshanensis.
ayacahuite
var. loudoniana (Gordon) J. Silba in *Phytologia*, 68(1): 47 (1990): P. loudoniana.
var. oaxacana J. Silba in *Phytologia*, 68(1): 47 (1990)—Mexico, Salvador.
californiarum D.K. Bailey in *Notes Roy. Bot. Gard. Edinburgh*, 44(2): 278 (1987)—U.S.A. (California), Mexico.
subsp. fallax (Little) D.K. Bailey in *Notes Roy. Bot. Gard. Edinburgh*, 44(2): 279 (1987): *Pinus edulis* var. *fallax*.
cembroides
var. juarezensis (Lanier) J. Silba in *Phytologia*, 68(1): 48 (1990): P. juarezensis.

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- subsp. lagunae* (Robert-Passini) D.K. Bailey in *Phytologia*, 54(2): 98 (1983): P. cembroides var. *lagunae*.
var. orizabensis (Bailey) J. Silba in *Phytologia*, 68(1): 48 (1990): P. cembroides subsp. *orizabensis*.
densa
var. austrokeysensis J. Silba in *Phytologia*, 68(1): 49 (1990), as 'austro-keysensis'—U.S.A. (Florida).
densiflora
f. nigricorticalis Q.L. Wang in *Fl. Liaoningica*, chief ed. S.X. Li, 1: 1361, 152 (1988)—China.
douglasiana
var. martinezii (Larson) J. Silba in *Phytologia*, 68(1): 49 (1990): P. martinezii.
var. maximinoi (Moore) J. Silba in *Phytologia*, 68(1): 50 (1990): P. maximinoi.
hartwegii
var. rudis (Endlicher) J. Silba in *Phytologia*, 68(1): 50 (1990): P. rudis.
insularis
var. khasyana (Griffiths) J. Silba in *Phytologia*, 68(1): 51 (1990): P. khasyana.
var. langbianensis (Cheval.) J. Silba in *Phytologia*, 68(1): 51 (1990): P. langbianensis.
var. tenuifolia (Cheng & Law) J. Silba in *Phytologia*, 68(1): 51 (1990): P. yunnanensis var. *tenuifolia*.
jeffreyi
var. baja-californica J. Silba in *Phytologia*, 68(1): 52 (1990)—Mexico.
lagunae (M.-F. Robert-Passini) M.-F. Passini in *Phytologia*, 63(5): 337 (1987): P. cembroides var. *lagunae*.
lambertiana Dougl. ex Taylor & Philips, *Phil. Mag. n.s.*, 2: 449 (Dec. 1827); cf. D.J. Mabberley in *Taxon*, 30(1): 17 (1981)—Locality not stated.
var. martirensis J. Silba in *Phytologia*, 68(1): 52 (1990)—Mexico.
lumholtzii
var. microphylla S. Carvajal in *Phytologia*, 59(2): 135 (1986)—Mexico.
macvaughii S. Carvajal in *Phytologia*, 59(2): 139 (1986)—Mexico.
massoniana
var. wulingensis C.Y. Qi & Q.Z. Lin in *Bull. Bot. Res. North-East. Forest. Inst.*, 3(3): 143 (1988)—China.
merkusii
var. latteri (Mason) J. Silba in *Phytologia*, 68(1): 53 (1990): P. latteri.
monophylla
var. californiarum (Bailey) J. Silba in *Phytologia*, 68(1): 54 (1990): P. californianum.
var. fallax (Little) J. Silba in *Phytologia*, 68(1): 54 (1990): P. edulis var. *fallax*.
montezumae
var. gordoniana (Hartweg) J. Silba in *Phytologia*, 68(1): 55 (1990): P. gordoniana.
var. mezambrana S. Carvajal in *Phytologia*, 59(2): 138 (1986), as 'mezambranus'—Mexico.
mugo
f. applanata (Willk.) K.I. Christensen in *Nordic J. Bot.*, 7(4): 392 (1987): P. pumilio var. *applanata*.
f. mughoides (Willk.) K.I. Christensen in *Nordic J. Bot.*, 7(4): 393 (1987): P. uncinata f. *mughoides*.
muricata
var. remorata (Mason) J. Silba in *Phytologia*, 68(1): 56 (1990): P. remorata.
nigra
var. yaltirikiana C.Ü. Alptekin in *Istanbul Univ. Orman Fak. Dergisi*, A, 36(2): 147 (1986 publ. 1987)—Turkey.
×novaemexicana P. Landry in *Phytologia*, 65(6): 479 (1989), without type—Locality not stated. (P. flexilis × strobiformis).
novogaliciana S. Carvajal in *Phytologia*, 59(2): 131 (1986), without latin descr., as 'novo-galiciana'—Mexico.
nubicola J.P. Perry in *J. Arnold Arbor.*, 68(4): 447 (1987)—Guatemala, Mexico, Salvador, Honduras.
occidentalis
var. maestraensis (Bisse) J. Silba in *Phytologia*, 68(1): 57 (1990): P. maestraensis.
ocarpa
var. macvaughii (Carvajal) J. Silba in *Phytologia*, 68(1): 57 (1990): P. macvaughii.

PINUS :-

- ×parapumila* Ishii ex P. Landry in *Phytologia*, 65(6): 479 (1989), without type—Locality not stated. (P. cembra × pumila).
pinaster
var. mesogeensis (Fiesch. & Gausson) J. Silba in *Phytologia*, 68(1): 59 (1990): P. mesogeensis.
pin-drow Royle ex D. Don in *Brewster, Taylor & Phillips, Phil. Mag. & J. Sci.*, 8: 255 (March 1836); cf. D.J. Mabberley in *Taxon*, 31(1): 72 (1982)—Locality not stated.
ponderosa
var. stormiae (Martinez) J. Silba in *Phytologia*, 68(1): 59 (1990): P. arizonica var. *stormiae*.
praetermissa B.T. Styles & R. McVaugh in *Contrib. Univ. Mich. Herb.*, 17: 310 (1990)—Mexico.
prokoraiensis Y.T. Zhao, J.M. Lu & A.G. Gu in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(4): 69 (1990)—China.
pseudostrobus
var. laubenfelsii J. Silba in *Phytologia*, 68(1): 60 (1990)—Mexico.
pungens Lamb. in *Ann. Bot.*, 2: 198 (1805); cf. D.J. Mabberley in *Taxon*, 30(1): 17 (1981)—Locality not stated.
radiata
var. cedrosensis (J.T. Howell) J. Silba in *Phytologia*, 68(1): 60 (1990): P. muricata var. *cedrosensis*.
sibirica
var. hingganensis (Zhang) J. Silba in *Phytologia*, 68(1): 61 (1990): P. hingganensis.
strobiformis
var. carvajalii J. Silba in *Phytologia*, 68(1): 61 (1990)—Mexico.
var. potosiensis J. Silba in *Phytologia*, 68(1): 62 (1990)—Mexico.
tabulaeformis
var. henryi (Mast.) C.T. Kuan in *Fl. Sichuanica*, 2: 113 (1983): P. henryi.
var. pygmaea (Hsueh) J. Silba in *Phytologia*, 68(1): 63 (1990): P. densata var. *pygmaea*.
f. umbraculifera (Liou & Wang) Q.L. Wang in *Fl. Liaoningica*, chief ed. S.X. Li, 1: 156 (1988): P. tabulaeformis var. *umbraculifera*.
teocote
var. herrerae (Martinez) J. Silba in *Phytologia*, 68(1): 63 (1990): P. herrerae.
torreyana
subsp. insularis J.R. Haller in *Syst. Bot.*, 11(1): 45 (1986)—U.S.A. (California).
var. insularis (Haller) J. Silba in *Phytologia*, 68(1): 64 (1990): P. torreyana subsp. *insularis*.
wallichiana
var. manangensis H. Ohba & M. Suzuki in *H. Ohba & S.B. Malla, Himalayan Pl.*, 1 (Univ. Mus. Univ. Tokyo Bull., 31): 350 (1988)—Nepal.
wangii
var. kwangtungensis (Chun ex Tsiang) J. Silba in *Phytologia*, 68(1): 64 (1990): P. kwangtungensis.

PIPER (Piperac.).

- arboresum*
subsp. tuberculatum (Jacq.) M.C. Tebbs in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 19: 156 (1989): P. tuberculatum.
brevipedicellatum A.J. Bornstein in *J. Arnold Arbor.*, 70(1): 23 (1989)—Mexico.
calcariformis M. Tebbs in *Ann. Missouri Bot. Gard.*, 74(4): 917 (1987 publ. 1988)—Costa Rica, Panama.
cihuatlanense A.J. Bornstein in *J. Arnold Arbor.*, 70(1): 25 (1989)—Mexico.
colotlipanense A.J. Bornstein in *J. Arnold Arbor.*, 70(1): 27 (1989)—Mexico.
emeiense Y.C. Tseng in *Acta Phytotax. Sin.*, 24(5): 385 (1986)—China.
enckeaespicum (Trel. & Yuncker) R. Callejas in *Brittonia*, 42(1): 80 (1990): *Trianaepiper enckeaespicum*.
gentryi J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(1): 89 (1987)—Venezuela.
infossum Y.C. Tseng in *Acta Phytotax. Sin.*, 24(5): 383 (1986)—Xizang.
var. nudum Y.C. Tseng in *Acta Phytotax. Sin.*, 24(5): 385 (1986)—Xizang.
macvaughii A.J. Bornstein in *J. Arnold Arbor.*, 70(1): 30 (1989), as 'mcvaughii'—Mexico.

- PIPER** :-
 madidum Y.C. Tseng in *Acta Phytotax. Sin.*, 24(5): 382 (1986)—Xizang.
 mosaicum J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 76(4): 964 (1989)—Venezuela.
 nigrum
 var. *hirtellusum* R. Asokan Nair & P.N. Ravindran in *J. Econ. Taxon. Bot.*, 10(1): 167 (1987 publ. 1988)—India.
 novogalicianum A.J. Bornstein in *J. Arnold Arbor.*, 70(1): 40 (1989)—Mexico.
 perpusillum R. Callejas in *Brittonia*, 42(1): 76 (1990)—Colombia.
 silentvalleyensis P.N. Ravindran, M.K. Nair & R. Asokan Nair in *J. Econ. Taxon. Bot.*, 10(1): 167 (1987 publ. 1988)—India.
 truman-yunckeri R. Callejas in *Brittonia*, 41(3): 325 (1989)—Ecuador.
 valdivianum R. Callejas in *Brittonia*, 42(1): 78 (1990)—Colombia.
- PIPTADENIA** (Legumin.).
 anolidurus R.C. Barneby in *Brittonia*, 38(3): 222 (1986)—Brazil, Ecuador, Peru.
 buchtienii R.C. Barneby in *Brittonia*, 38(3): 224 (1986)—Bolivia.
 cuzcoensis R.C. Barneby in *Brittonia*, 38(3): 226 (1986)—Peru.
 imatacae R.C. Barneby in *Brittonia*, 38(3): 227 (1986)—Venezuela.
 peruviana (J.F. Macbr.) R.C. Barneby in *Brittonia*, 38(3): 226 (1986): P. *adiantoides* var. *peruviana*.
- PIPTANTHUS** (Legumin.).
 leiocarpus
 var. *sericopetalus* P.C. Li in *Fl. Xizangica*, 2: 719 (1985)—Xizang.
- PIPTATHERUM** (Gramin.).
 frutescens G. Heynhold, *Nomencl. Bot. Hort.*: 524, 629 (1841), nom. superfl.—Greece.
 holciforme
 subsp. *abyssinicum* H. Freitag in *Davis & Hedge Festschrift (ed. Kit Tan)*: 117 (1989)—Ethiopia, Saudi Arabia, Yemen.
 humile (Bor) S. Kumar & M.B. Raizada in *Indian J. Forest.*, 9(2): 177 (1986): *Oryzopsis humilis*.
 humile (Bor) R.K. Gupta, *Living Himalayas*, 2: 486 (1989), isonym; see S. Kumar & M.B. Raizada in *Indian J. Forest.*, 9(2): 177 (1986): *Oryzopsis humilis*.
- PIPTOCHAETIUM** (Gramin.).
 avenacellum M.E. Barkworth in *Syst. Bot.*, 13(2): 196 (1988)—Mexico.
 brevicalyx
 subsp. *flexuosum* M.E. Barkworth in *Syst. Bot.*, 13(2): 200 (1988)—Mexico.
 featherstonei (Hitchcock) O. Tovar in *Opusc. Bot. Pharm. Complutensis*, 4: 104 (1988): *Stipa featherstonei*.
- PIQUERIA** (Compos.).
 glandulosa B.L. Turner in *Phytologia*, 63(6): 438 (1987)—Mexico.
- PIRIPEA** (Scrophulariac.).
 coerulea S. Bowdich in *T.E. Bowdich, Exc. Madeira*: 251 (1825); cf. D.J. Mabberley in *Bot. Macaronesica*, 6: 61 (1980)—Gambia.
- PIRIQUETA** (Turnerac.).
 alba J.R. Mattos in *Loefgrenia*, 92: 1 (1988)—Brazil.
 cistoides
 subsp. *caroliniana* (Walter) M.M. Arbo in *Ann. Missouri Bot. Gard.*, 77(2): 351 (1990): *Waltheria caroliniana*.
 mexicana P.A. Fryxell & S.D. Koch in *Aliso*, 11(4): 558 (1987)—Mexico.
 mortonii S.D. Koch & P.A. Fryxell in *Brittonia*, 41(2): 109 (1989)—Mexico.
- PISONIA** (Nyctaginac.).
 sechellarum F. Friedmann in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 8(4): 384 (1986 publ. 1987)—Seychelles Is.
 wagneriana F.R. Fosberg in *Phytologia*, 62(3): 177 (1987)—Hawaiian Is.
- PITCAIRNIA** (Bromeliac.).
 altoatratensis G.S. Varadarajan & E. Forero in *Syst. Bot.*, 12(3): 412 (1987)—Colombia.
 atrorubens
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 sogdiana A. Bunge, *Beitr. Fl. Russl.*: 185 (1852)—U.S.S.R. (Middle Asia).†

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 subsp. corallicarpus (Piper) K.L. Chambers in *Madroño*, 36(4): 281 (1989 publ. 1990); *Allocarya corallicarpa*.

PLAGIOPETALUM (Melastomatac.).

- esquirolii
 var. quadrangulum (Rehd.) C. Hansen in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 10(2): 133 (1988); *P. quadrangulum*.
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 spathulata
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 hyperborea
 f. alba M.H.S. Light in *Lindleyana*, 4(3): 158 (1989)—Canada (Quebec).
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 var. pariaensis (Pittendrigh) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 74 (1989), generic name not validly publ.: *Aechmea dichlamidea* var. *pariaensis*.
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 distichantha (Lemaire) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 74 (1989), generic name not validly publ.: *Aechmea distichantha*.
 f. albiflora (L.B. Smith) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 74 (1989), generic name not validly publ.: *Aechmea distichantha* f. *albiflora*.
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 var. schlumbergeri (E. Morren ex Mez) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 74 (1989), generic name not validly publ.: *Aechmea distichantha* var. *schlumbergeri*.
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 var. flavivittata (Reitz) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 74 (1989), generic name not validly publ.: *Aechmea fasciata* var. *flavivittata*.
 var. pruinosa (Reitz) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 74 (1989), generic name not validly publ.: *Aechmea fasciata* var. *pruinosa*.

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 flavorosea (E. Pereira) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 74 (1989), generic name not validly publ.: *Aechmea flavo-rosea*.
 moorei (Luther) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 74 (1989), generic name not validly publ.: *Aechmea moorei*.
 retusa (L.B. Smith) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 74 (1989), generic name not validly publ.: *Aechmea retusa*.
 romeroi (L.B. Smith) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 74 (1989), generic name not validly publ.: *Aechmea romeroi*.
 serrata (L.) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 75 (1989), generic name not validly publ.: *Tillandsia serrata*.
 smithiorum (Mez) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 75 (1989), generic name not validly publ.: *Aechmea smithiorum*.
 tessmannii (Harms) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 75 (1989), generic name not validly publ.: *Aechmea tessmannii*.
 tillandsioides (Martius ex Schultes f.) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 75 (1989), generic name not validly publ.: *Billbergia tillandsioides*.
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 zebрина (L.B. Smith) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 75 (1989), generic name not validly publ.: *Aechmea zebрина*.
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 simplicifolia G.R. Long in *Acta Phytotax. Sin.*, 28(4): 328 (1990)—China.
 var. *ternata* G.R. Long in *Acta Phytotax. Sin.*, 28(4): 329 (1990)—China.
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 acutus E.E. Esterhuysen in *Bothalia*, 15(3–4): 434 (1985)—South Africa (Cape Province).
 anceps (Mast.) H.P. Linder in *Bothalia*, 15(3–4): 436 (1985); *Hypolaena anceps*.
 callistachyus (Kunth) H.P. Linder in *Bothalia*, 15(3–4): 436 (1985); *Restio callistachyus*.
 cascadenis (Pillans) H.P. Linder in *Bothalia*, 15(3–4): 436 (1985); *Restio cascadenis*.
 depauperatus (Kunth) H.P. Linder in *Bothalia*, 15(3–4): 436 (1985); *Restio depauperatus*.
 major (Mast.) H.P. Linder in *Bothalia*, 15(3–4): 436 (1985); *Restio compressus* var. *major*.
 subcompressus (Pillans) H.P. Linder in *Bothalia*, 15(3–4): 437 (1985); *Restio subcompressus*.

PLATYCRATER (Hydrangeac.).

- arguta
 var. *sinensis* H. Hara in *J. Jap. Bot.*, 61(3): 70 (1986)—China.

PLATYMITRA (Annonac.).

- arborea (Blanco) P.J.A. Kessler in *Blumea*, 33(2): 473 (1988); *Macanea arborea*.

PLATYSTELE (Orchidac.).

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 megaloglossa C.A. Luer & R. Escobar R. in *Orquideologia*, 16(3): 39 (1986)—Colombia.
 phasmida C.A. Luer & R. Escobar R. in *Orquideologia*, 16(3): 42 (1986)—Colombia.
 rauhii C.A. Luer in *Orchidea*, 38(2): 61 (1987)—Peru.

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 japonicus
 var. *macraei* (Benth.) S.R. Srinivasan in *A.N. Henry, G.R. Kumari & V. Chithra, Fl. Tamil Nadu, India, Ser. 1*, 2: 182 (1987); *P. macraei*.

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 parviflorus *Henckel, Adumb. Pl. Hort. Hal.*: 17 (1806, pre 15 May); *cf. D.J. Mabberley in Taxon*, 32(1): 86 (1983)—Locality not stated.
 salubeni *R.K. Brummitt & J.H. Seyani in Kew Bull.*, 42(3): 690 (1987)—Malawi, Zambia, Tanzania.
 vettiveroides (*K.C. Jacob*) *H.I. Maass in R. Mansfeld, Verz. Landwirtsch. u. Gartn. Kulturpfl., Auf. 2, ed. J. Schultze-Motel*, 3: 1137 (1986): *Coleus vettiveroides*.
 viphyensis *R.K. Brummitt & J.H. Seyani in Kew Bull.*, 42(3): 692 (1987)—Malawi.
 zebrarum *R.K. Brummitt & J.H. Seyani in Kew Bull.*, 42(3): 694 (1987)—Malawi, Zambia.

PLECTRONIA (Rubiaceae).

- blepharopetala *K. Schum. ex A. Engler in Abh. Königl. Preuss. Akad. Wiss. Berlin*, 1894: 61 (1894)—Tropical East Africa.†

PLECTROPHORA (Orchidaceae).

- suarezii *C.H. Dodson & Chase in Ic. Pl. Trop.*, Ser. 2, 6: t. 570 (1989)—Ecuador.
 tucanderana *C.H. Dodson & R. Vásquez Ch. in Ic. Pl. Trop.*, Ser. 2, 3: t. 275 (1989)—Bolivia.

PLEIOBLASTUS (Gramineae).

- baviensis (*Balansa*) *Nguyen To Quyen in Bot. Zhurn.*, 75(2): 225 (1990): *Arundinaria baviensis*.
 falcatus (*Nees*) *Nguyen To Quyen in Bot. Zhurn.*, 75(2): 225 (1990): *Arundinaria falcata*.

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- aurita *P.J. Cribb & H. Pfennig in Orchidee*, 39(3): 111 (1988)—China.
 saxicola *Tang & Wang ex S.C. Chen in Acta Phytotax. Sin.*, 25(6): 473 (1987)—China.

PLEIOSPILOS (Aizoaceae).

- subgen. *Punctillaria* (*N.E. Br.*) *H. Hartmann & S. Liede in Bot. Jahrb.*, 106(4): 475 (1986): gen. *Punctillaria*.
 compactus
 subsp. *canus* (*Haw.*) *H. Hartmann & S. Liede in Bot. Jahrb.*, 106(4): 476 (1986): *Mesembryanthemum canum*.
 subsp. *fergusoniae* (*L. Bolus*) *H. Hartmann & S. Liede in Bot. Jahrb.*, 106(4): 478 (1986): *P. fergusoniae*.
 subsp. *minor* (*L. Bolus*) *H. Hartmann & S. Liede in Bot. Jahrb.*, 106(4): 479 (1986): *P. minor*.
 subsp. *sororius* (*N.E. Br.*) *H. Hartmann & S. Liede in Bot. Jahrb.*, 106(4): 478 (1986): *Mesembryanthemum sororium*.

PLEIOSTACHYA (Marantaceae).

- leiostachya (*Donn. Sm.*) *B.E. Hammel in Phytologia*, 60(1): 16 (1986): *Ischnosiphon morlae* var. *leiostachya*.

PLEIOTAXIS (Compos.).

- bampsiana *S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 247 (1987)—Zaire.
 duvigneaudii *S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 249 (1987)—Zaire.
 jeffreyana *S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 250 (1987)—Zaire.
 lawalreana *S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 251 (1987)—Zaire.
 lejolyana *S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 252 (1987)—Zaire.
 perfoliata *S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 253 (1987)—Zaire.
 petitiana *S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 254 (1987)—Zaire.
 robyniana *S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 255 (1987)—Zaire.
 upembensis *S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 256 (1987)—Zaire.

PLEOMELE (Dracaenaceae).

- stenophylla *H. St. John in Phytologia*, 64(1): 55 (1987)—Hawaiian Is.

PLEROMA (Melastomataceae).

- candidum *Bull. Cat.*, 358: 2 (1901); *cf. D.J. Mabberley in Taxon*, 34(3): 456 (1985)—Locality not stated.

PLEUROPTERANTHA (Amaranthaceae).

- thulinii *C.C. Townsend in Kew Bull.*, 45(4): 733 (1990)—Somali Republic.

PLEUROPTEROPYRUM (Polygonaceae).

- hagei (*Royle ex Bab.*) *A.H. Munshi & G.N. Javeid, Syst. Stud. Polygonac. Kashmir Himalaya (J. Econ. Taxon. Bot. Addit. Ser. 2)*: 79 (1986): *Polygonum hagei*.
 polystachyum (*Wallich ex Meissn.*) *A.H. Munshi & G.N. Javeid, Syst. Stud. Polygonac. Kashmir Himalaya (J. Econ. Taxon. Bot. Addit. Ser. 2)*: 78 (1986): *Polygonum polystachyum*.
 rumicifolium (*Royle ex Bab.*) *A.H. Munshi & G.N. Javeid, Syst. Stud. Polygonac. Kashmir Himalaya (J. Econ. Taxon. Bot. Addit. Ser. 2)*: 79 (1986): *Polygonum rumicifolium*.
 tortuosum (*Don*) *A.H. Munshi & G.N. Javeid, Syst. Stud. Polygonac. Kashmir Himalaya (J. Econ. Taxon. Bot. Addit. Ser. 2)*: 80 (1986): *Polygonum tortuosum*.

PLEUOSPERMUM (Umbelliferae).

- longicarpum *Shan & Z.H. Pan in Fl. Xizangica*, 3: 426 (1986), nom. nov.: *Pterocyclus wolffianus Fedde ex Wolff*.

PLEUROSTIMA (Velloziaceae).

- riparia *N.L. de Menezes & R. de Mello-Silva in Acta Bot. Brasil.*, 1(2)Supl.: 196 (1988)—Brazil.

PLEUROTHALLIS (Orchidaceae).

- sect. *Abortivae* *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 57 (1986).
 subgen. *Acianthera* (*Scheidw.*) *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 12 (1986): gen. *Acianthera*.
 subsect. *Acronia* *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 61 (1986), nom. nov.: gen. *Acronia Presl*.
 subgen. *Aenigma* *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 26 (1986).
 sect. *Aenigmata* *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 26 (1986).
 subgen. *Ancipitia* *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 29 (1986).
 subgen. *Andreettaea* (*Luer*) *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 31 (1986): gen. *Andreettaea*.
 subgen. *Apoda-Proreptentia* *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 31 (1986), nom. nov.: P. sect. *Apodae-Proreptentes Lindl.*
 subsect. *Apodae-Caespositosae* (*Lindl.*) *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 84 (1986): P. sect. *Apodae-Caespositosae*.
 subgen. *Arthrobia* *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 34 (1986).
 subsect. *Cardiostolae* *C.A. Luer in Lindleyana*, 3(3): 133 (1988).
 subgen. *Crocodelanthae* (*Rchb. f. & Warsc.*) *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 34 (1986): gen. *Crocodelanthae*.
 sect. *Cryptophoranthae* *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 16 (1986), nom. nov.: gen. *Cryptophoranthus Barb. Rodr.*
 sect. *Cucumeres* *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 81 (1986).
 subgen. *Dracontia* *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 38 (1986).
 subgen. *Dresslera* *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 38 (1986).
 subgen. *Elongata* *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 41 (1986), nom. nov.: P. sect. *Elongatae Lindl.*
 subgen. *Empusella* *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 41 (1986).
 subgen. *Kraenzlinella* (*Kuntze*) *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 44 (1986): gen. *Kraenzlinella*.
 subsect. *Longicauleae* (*Barb. Rodr.*) *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 86 (1986): *Lepanthes* sect. *Longicauleae*.
 subsect. *Macrophyllae-Fasciculata* *C.A. Luer in Lindleyana*, 3(3): 133 (1988).
 subsect. *Macrophyllae-Racemosae* (*Lindl.*) *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 61 (1986): P. sect. *Macrophyllae-Racemosae*.
 subgen. *Masdevalliantha* *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 44 (1986).
 sect. *Mentosae* *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 86 (1986).
 subgen. *Mirabilia* *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 47 (1986).
 subgen. *Mirandia* *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 47 (1986).
 sect. *Muscaria* *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 89 (1986).
 subgen. *Mystax* *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 50 (1986).
 subsect. *Pectinatae* *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 20 (1986).
 sect. *Phloeophilae* *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 17 (1986), nom. nov.: gen. *Phloeophila Hoehne & Schltr.*
 subgen. *Physosiphon* (*Lindl.*) *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 50 (1986): gen. *Physosiphon*.
 subgen. *Physothallis* (*Garay*) *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 53 (1986): gen. *Physothallis*.
 subgen. *Pleurobotryum* (*Barb. Rodr.*) *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 53 (1986): gen. *Pleurobotryum*.
 subgen. *Pseudoctomeria* (*Krzel.*) *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 67 (1986): gen. *Pseudoctomeria*.
 subgen. *Restrepioidia* *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 70 (1986), nom. nov.: P. sect. *Restrepioidae Lindl.*
 subgen. *Rhynchopera* (*Kl.*) *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 70 (1986): gen. *Rhynchopera*.
 subgen. *Rubellia* *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 73 (1986).
 subgen. *Sarracnella* (*Luer*) *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 73 (1986): gen. *Sarracnella*.
 subgen. *Scopula* *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 76 (1986), nom. nov.: gen. *Colombiana Ospina*.
 subsect. *Sicariae* (*Lindl.*) *C.A. Luer, Ic. Pleurothallid. III - Syst. Pleurothallis (Monogr. Syst. Bot. Missouri Bot. Gard. 20)*: 20 (1986): P. sect. *Sicariae*.

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- subgen. *Talpina* (Karst.) C.A. Luer, *Ic. Pleurothallid. III - Syst. Pleurothallis* (Monogr. Syst. Bot. Missouri Bot. Gard. 20): 96 (1986); gen. *Talpina*.
- sect. *Tetragona* C.A. Luer, *Ic. Pleurothallid. VI* (Monogr. Syst. Bot. Missouri Bot. Gard. 31): 3 (1989).
- sect. *Tomentosae* C.A. Luer, *Ic. Pleurothallid. III - Syst. Pleurothallis* (Monogr. Syst. Bot. Missouri Bot. Gard. 20): 22 (1986).
- sect. *Tribuloides* C.A. Luer, *Ic. Pleurothallid. III - Syst. Pleurothallis* (Monogr. Syst. Bot. Missouri Bot. Gard. 20): 91 (1986).
- sect. *Tricarinatae* C.A. Luer, *Ic. Pleurothallid. III - Syst. Pleurothallis* (Monogr. Syst. Bot. Missouri Bot. Gard. 20): 22 (1986), without latin descr.
- sect. *Tripteranthae* C.A. Luer, *Ic. Pleurothallid. III - Syst. Pleurothallis* (Monogr. Syst. Bot. Missouri Bot. Gard. 20): 94 (1986).
- sect. *Truncatae* C.A. Luer, *Ic. Pleurothallid. III - Syst. Pleurothallis* (Monogr. Syst. Bot. Missouri Bot. Gard. 20): 67 (1986).
- sect. *Unciferae* C.A. Luer, *Ic. Pleurothallid. III - Syst. Pleurothallis* (Monogr. Syst. Bot. Missouri Bot. Gard. 20): 94 (1986).
- sect. *Vestigipetalae* C.A. Luer, *Ic. Pleurothallid. III - Syst. Pleurothallis* (Monogr. Syst. Bot. Missouri Bot. Gard. 20): 26 (1986).
- subgen. *Xenion* C.A. Luer, *Ic. Pleurothallid. III - Syst. Pleurothallis* (Monogr. Syst. Bot. Missouri Bot. Gard. 20): 96 (1986).
- asaroides (Krzl.) C.A. Luer, *Ic. Pleurothallid. III - Syst. Pleurothallis* (Monogr. Syst. Bot. Missouri Bot. Gard. 20): 73 (1986); Physosiphon asaroides.
- aspergillum C.A. Luer & Hirtz in C.A. Luer, *Ic. Pleurothallid. VI* (Monogr. Syst. Bot. Missouri Bot. Gard. 31): 56 (1989)—Ecuador.
- atrohiata D.D. Dod in *Moscosoa*, 5: 226 (1989)—Hispaniola (Haiti).
- balaeniceps C.A. Luer & R.L. Dressler in *Orquideologia*, 16(3): 47 (1986)—Panama.
- bucranon C.A. Luer & Hirtz in *Lindleyana*, 3(3): 134 (1988)—Ecuador.
- cachabensis C.A. Luer & Hirtz in *Lindleyana*, 3(3): 137 (1988)—Ecuador.
- carrenoi G. Carnevali F.C. & I. Ramirez de Carnevali in *Ernstia*, 44: 18 (1987)—Venezuela.
- cauda-phocae C.A. Luer & Hirtz in *Lindleyana*, 3(3): 137 (1988)—Ecuador.
- compressicaulis D.D. Dod in *Moscosoa*, 3: 113 (1984)—Hispaniola (Haiti).
- condorensis C.A. Luer & Hirtz in C.A. Luer, *Ic. Pleurothallid. VI* (Monogr. Syst. Bot. Missouri Bot. Gard. 31): 14 (1989)—Ecuador.
- curtisii D.D. Dod in *Moscosoa*, 3: 111 (1984)—Hispaniola (Haiti).
- cylindrica (Luer) C.A. Luer, *Ic. Pleurothallid. III - Syst. Pleurothallis* (Monogr. Syst. Bot. Missouri Bot. Gard. 20): 53 (1986); Physothallis cylindrica.
- cymbiformis D.D. Dod in *Moscosoa*, 3: 101 (1984), nom. nov.: Cryptophoranthus erosus Garay.
- deborana G. Carnevali & I. Ramirez in *Ann. Missouri Bot. Gard.*, 77(3): 553 (1990)—Venezuela.
- dejavu C.A. Luer & Hirtz in *Lindleyana*, 3(3): 140 (1988)—Ecuador.
- eccentrica C.A. Luer & Hirtz in *Lindleyana*, 3(3): 140 (1988)—Ecuador.
- exserta C.A. Luer & Hirtz in *Lindleyana*, 3(3): 143 (1988)—Ecuador.
- formondii D.D. Dod in *Moscosoa*, 3: 116 (1984)—Hispaniola (Haiti).
- haitiensis D.D. Dod in *Moscosoa*, 3: 113 (1984)—Hispaniola (Haiti).
- hoeijeri C.A. Luer & Hirtz in *Lindleyana*, 3(3): 143 (1988)—Ecuador.
- holstii G. Carnevali F.C. & I. Ramirez in *Ernstia*, 39: 18 (1986)—Venezuela.
- inornata C.A. Luer & Hirtz in C.A. Luer, *Ic. Pleurothallid. VI* (Monogr. Syst. Bot. Missouri Bot. Gard. 31): 30 (1989)—Ecuador.
- jalapensis (Krzl.) L.A. Garay in *Bot. Mus. Leaf. Harvard Univ.*, 30(3): (58) 192 (1985 publ. 1986); *Masdevallia jalapensis*.
- lanigera C.A. Luer & Hirtz in *Lindleyana*, 3(3): 146 (1988)—Ecuador.
- megalotis C.A. Luer & Hirtz in *Lindleyana*, 3(3): 146 (1988)—Ecuador.

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- minimifolia C.A. Luer, *Ic. Pleurothallid. III - Syst. Pleurothallis* (Monogr. Syst. Bot. Missouri Bot. Gard. 20): 16 (1986), nom. nov.: Cryptophoranthus minimus Cogn.
- mittchellii D.D. Dod in *Moscosoa*, 3: 109 (1984), as 'mittchelli'—Hispaniola (Haiti).
- muricata T. Hashimoto in *Bull. Nation. Sci. Mus.*, B (Tokyo), 13(1): 35 (1987)—Peru.
- nakatae T. Hashimoto in *Ann. Tsukuba Bot. Gard.*, 4: 3 (1986)—Peru.
- neibanus D.D. Dod in *Moscosoa*, 3: 101 (1984), nom. nov.: Cryptophoranthus aurantiacus Dod.
- neobraderi C.A. Luer, *Ic. Pleurothallid. III - Syst. Pleurothallis* (Monogr. Syst. Bot. Missouri Bot. Gard. 20): 17 (1986), nom. nov.: Physosiphon braderi Schltr.
- neoharlingii C.A. Luer, *Ic. Pleurothallid. III - Syst. Pleurothallis* (Monogr. Syst. Bot. Missouri Bot. Gard. 20): 53 (1986), nom. nov.: Physothallis harlingii Garay.
- neojordanensis C.A. Luer, *Ic. Pleurothallid. III - Syst. Pleurothallis* (Monogr. Syst. Bot. Missouri Bot. Gard. 20): 16 (1986), nom. nov.: Cryptophoranthus jordanensis Brade.
- neojurgensii C.A. Luer, *Ic. Pleurothallid. III - Syst. Pleurothallis* (Monogr. Syst. Bot. Missouri Bot. Gard. 20): 16 (1986), nom. nov.: Cryptophoranthus jurgensii Schltr.
- ocellus (Luer) C.A. Luer, *Ic. Pleurothallid. III - Syst. Pleurothallis* (Monogr. Syst. Bot. Missouri Bot. Gard. 20): 31 (1986); Andreettaea ocellus.
- odobeniceps C.A. Luer, *Ic. Pleurothallid. VI* (Monogr. Syst. Bot. Missouri Bot. Gard. 31): 38 (1989)—Colombia.
- onagriceps C.A. Luer & Hirtz in C.A. Luer, *Ic. Pleurothallid. VI* (Monogr. Syst. Bot. Missouri Bot. Gard. 31): 40 (1989)—Ecuador.
- paulensis (Hoehne & Schltr.) C.A. Luer, *Ic. Pleurothallid. III - Syst. Pleurothallis* (Monogr. Syst. Bot. Missouri Bot. Gard. 20): 17 (1986); Phloeophila paulensis.
- pemonum G. Carnevali & I. Ramirez in *Ann. Missouri Bot. Gard.*, 77(3): 555 (1990)—Venezuela.
- punctatiflora C.A. Luer, *Ic. Pleurothallid. III - Syst. Pleurothallis* (Monogr. Syst. Bot. Missouri Bot. Gard. 20): 16 (1986), nom. nov.: Cryptophoranthus punctatus Barb. Rodr.
- sarracenia C.A. Luer, *Ic. Pleurothallid. III - Syst. Pleurothallis* (Monogr. Syst. Bot. Missouri Bot. Gard. 20): 73 (1986), nom. nov.: Physosiphon pubescens Barb. Rodr.
- sieberi C.A. Luer, *Ic. Pleurothallid. III - Syst. Pleurothallis* (Monogr. Syst. Bot. Missouri Bot. Gard. 20): 34 (1986), nom. nov.: Sprecklinia floribunda Lindl.
- similis (Schltr.) C.A. Luer, *Ic. Pleurothallid. III - Syst. Pleurothallis* (Monogr. Syst. Bot. Missouri Bot. Gard. 20): 17 (1986); Cryptophoranthus similis.
- spicata (Dutra) C.A. Luer, *Ic. Pleurothallid. III - Syst. Pleurothallis* (Monogr. Syst. Bot. Missouri Bot. Gard. 20): 17 (1986); Cryptophoranthus spicatus.
- stillonii D.D. Dod in *Moscosoa*, 3: 107 (1984)—Hispaniola (Haiti).
- tetroxys C.A. Luer, *Ic. Pleurothallid. VI* (Monogr. Syst. Bot. Missouri Bot. Gard. 31): 66 (1989)—Colombia.
- valvola C.A. Luer & Hirtz in *Lindleyana*, 3(3): 149 (1988)—Ecuador.
- vinalis C.A. Luer & R. Escobar R. in *Orquideologia*, 16(3): 30 (1986)—Colombia.

PLEUROTHYRIUM (Laurac.)

- amplifolium (Mez) J.G. Rohwer in *Mitt. Inst. Allg. Bot. Hamburg*, 20: 43 (1986); *Nectandra amplifolia*.
- costanense H. van der Werff in *Ann. Missouri Bot. Gard.*, 74(2): 408 (1987)—Venezuela.
- golfodulcense W. Burger & N. Zamora in *Fieldiana*, Bot., 23: 115 (1990)—Costa Rica.
- grandiflorum H. van der Werff in *Ann. Missouri Bot. Gard.*, 74(2): 408 (1987)—Colombia.
- hexaglandulosum H. van der Werff in *Ann. Missouri Bot. Gard.*, 75(2): 417 (1988)—Panama.
- intermedium (Mez) J.G. Rohwer in *Mitt. Inst. Allg. Bot. Hamburg*, 20: 43 (1986); *Nectandra intermedia*.
- palmanum (Mez & Smith) J.G. Rohwer in *Mitt. Inst. Allg. Bot. Hamburg*, 20: 41 (1986); *Ocotea palmana*.

PLEUROTHYRIUM :-

- trianae (Mez) J.G. Rohwer in *Mitt. Inst. Allg. Bot. Hamburg*, 20: 43 (1986); *Nectandra trianae*.
- undulatum (Meisn.) J.G. Rohwer in *Mitt. Inst. Allg. Bot. Hamburg*, 20: 44 (1986); *Oreodaphne undulata*.
- westphaliae H. van der Werff in *Ann. Missouri Bot. Gard.*, 74(2): 410 (1987), as 'westphali'—Guatemala.

PLINIA (Myrtac.)

- callosa M. Sobral in *Napaea*, *Rev. Bot.*, 4: 12 (1988)—Brazil.
- povedae P.E. Sánchez-Vindas in *Brenesia*, 25–26: 313 (1986 publ. 1988)—Costa Rica.
- puriscalensis P.E. Sánchez-Vindas & Q. Jiménez M. in *Brenesia*, 32: 113 (1989 publ. 1990)—Costa Rica.
- rivularis (Camb.) A.D. Rotman in *Bol. Soc. Argent. Bot.*, 24(1–2): 195 (1985); *Eugenia rivularis*.

PLOWMANIA A.T. Hunziker & R. Subils in Kurtziana, 18: 127 (1986). SOLANACEAE.

- nyctaginoides (Standley) A.T. Hunziker & R. Subils in *Kurtziana*, 18: 127 (1986); *Brunfelsia nyctaginoides*.

PLUCHEA (Compos.)

- sect. *Amplectifolium* G.L. Nesom in *Phytologia*, 67(2): 162 (1989).
- sect. *Pterocaulis* G.L. Nesom in *Phytologia*, 67(2): 164 (1989).
- arabica (Boiss.) M. Qaiser & H.W. Lack in *Willdenowia*, 15(2): 451 (1986); *Varthemia arabica*.
- mexicana (Godfrey) G.L. Nesom in *Phytologia*, 67(2): 159 (1989); *P. rosea* var. *mexicana*.
- rufescens (DC.) A.J. Scott in *Kew Bull.*, 42(4): 854 (1987); *Monarrhenus rufescens*.
- senecioides (DC.) W. Theobald in *F. Mason, Burmah*, ed. 3, 2: 390 (1883); cf. D.J. Mabberley in *Taxon*, 34(1): 155 (1985); *Blumea senecioides*.
- yucatanensis G.L. Nesom in *Phytologia*, 67(2): 160 (1989)—Mexico, Belize, U.S.A. (Mississippi).

PLUMBAGO (Plumbaginac.)

- americana Weigel, *Hort. Gryph.*: 12 (1782); cf. D.J. Mabberley in *Taxon*, 33(3): 443 (1984)—Locality not stated.

PLUMERIA (Apocynac.)

- magna T.A. Zanoni & M.M. Mejia P. in *Moscosoa*, 5: 89 (1989)—Hispaniola (Dominican Republic).
- rubra var. *acuminata* (Ait.) R.S. Rao & G.V.A. Balamani in *J. Ind. Bot. Soc.*, 63(3): 227 (1984); *P. acuminata*.

POA (Gramin.)

- acicularifolia subsp. *ophitalis* E. Edgar in *New Zealand J. Bot.*, 24(3): 444 (1986)—New Zealand.
- acroleuca f. *submoniliformis* (Makino) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 523 (1987); *P. acroleuca* var. *submoniliformis*.
- alpina subsp. *atlantica* (Trabut) A.M. Romo in *Treb. Inst. Bot. Barcelona*, 11: 40 (1987); *P. alpina* var. *atlantica*.
- altoperuana R. Lara & J. Fernández Casas in *Fontqueria*, 21: 19 (1988)—Bolivia.
- anceps subsp. *polyphylla* (Hackel) E. Edgar in *New Zealand J. Bot.*, 24(3): 452 (1986); *P. polyphylla*.
- angustifolia var. *angustiglumis* (Roshev.) V.N. Voroshilov in *Byull. Glavn. Bot. Sada (Moscow)*, 150: 56 (1988); *P. angustiglumis*.
- var. *laxispicula* D.F. Cui in *Acta Bot. Bor.-Occid. Sin.*, 7(2): 102 (1987)—Xinjiang.
- annua f. *reptans* (Hausskn.) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 523 (1987); *P. annua* var. *reptans*.
- arjinsanensis D.F. Cui in *Acta Bot. Bor.-Occid. Sin.*, 5(2): 87 (1987)—Xinjiang.

POA :-

- aucklandica
 subsp. campbellensis (Petrie) E. Edgar in *New Zealand J. Bot.*, 24(3): 467 (1986): P. campbellensis.
 subsp. rakiura E. Edgar in *New Zealand J. Bot.*, 24(3): 467 (1986)—New Zealand.
- barbata C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 114 (1784)—Japan.†
- biflora Ferat ex C.C. Gillet & J.-H. Magne, *Nouv. Fl. Française*, éd. 3, 538 (1873), non Retz (1789)—Spain.
- bulbosa
 var. hackelii (Post) N. Feinbrun-Dothan, *Fl. Palaestina*, 4: 246 (1986): P. hackelii.
 celsa E. Edgar in *New Zealand J. Bot.*, 24(3): 463 (1986)—New Zealand.
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 cita E. Edgar in *New Zealand J. Bot.*, 24(3): 446 (1986), nom. nov.: P. caespitosa Sprengel.
 eminens
 var. alexeji (Sofeikova & Worosch.) V.N. Voroshilov in *Byull. Glavn. Bot. Sada (Moscow)*, 150: 58 (1988): P. alexeji.
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 subsp. extremiorientalis (Ohwi) V.N. Voroshilov in *Byull. Glavn. Bot. Sada (Moscow)*, 150: 57 (1988): P. extremiorientalis.
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 subsp. meilitzyka D.F. Cui in *Acta Bot. Bor.-Occid. Sin.*, 7(2): 100 (1987)—Xinjiang.
- macrocalyx
 var. koriakiensis V.N. Voroshilov in *Byull. Glavn. Bot. Sada (Moscow)*, 150: 56 (1988)—U.S.S.R. (Soviet Far East).
 subsp. koriakiensis (Worosch.) V.N. Voroshilov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 95(2): 91 (1990): P. macrocalyx var. koriakiensis.
 subsp. sugawarae (Ohwi) V.N. Voroshilov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 95(2): 91 (1990): P. sugawarae.
 subsp. tatewakiana (Ohwi) V.N. Voroshilov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 95(2): 91 (1990): P. tatewakiana.

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- major D.F. Cui in *Acta Bot. Bor.-Occid. Sin.*, 7(2): 83 (1987)—Xinjiang.
- malacantha
 subsp. shinanoana (Ohwi) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 524 (1987): P. shinanoana.
- membranigluma D.F. Cui in *Acta Bot. Bor.-Occid. Sin.*, 7(2): 89 (1987)—Xinjiang.
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 var. parca N.R. Cui in *Acta Bot. Bor.-Occid. Sin.*, 7(2): 103 (1987)—Xinjiang.
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- poiformis
 var. ramifer D.I. Morris in *Muelleria*, 7(2): 169 (1990)—Tasmania, Australia (Victoria).
- poiphagorum
 var. hunczilapensis Keng ex D.F. Cui in *Acta Bot. Bor.-Occid. Sin.*, 7(2): 100 (1987)—Xinjiang.
- pratensis
 subsp. turfosa (Litv.) V.N. Voroshilov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 95(2): 91 (1990): P. turfosa.
- remota
 subsp. raduliformis (Probat.) V.N. Voroshilov in *Byull. Glavn. Bot. Sada (Moscow)*, 150: 56 (1988): P. raduliformis.
- scabristemmed N.R. Cui in *Acta Bot. Bor.-Occid. Sin.*, 7(2): 93 (1987)—Xinjiang.
- senex E. Edgar in *New Zealand J. Bot.*, 24(3): 477 (1986)—New Zealand.
- sphondylodes
 subsp. kelungensis (Ohwi) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 525 (1987): P. kelungensis.
- sublimis E. Edgar in *New Zealand J. Bot.*, 24(3): 465 (1986)—New Zealand.
- subpolaris V.B. Kuvaev in *Novosti Sist. Vyssh. Rast.*, 24: 18 (1987)—U.S.S.R. (Siberia).
- subvestita (Hackel) E. Edgar in *New Zealand J. Bot.*, 24(3): 436 (1986): P. novae-zelandiae var. subvestita.
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- uniflorum J.J. Wood in *Lindleyana*, 5(2): 97 (1990)—Borneo (Sabah).

POCHOTA (Bombacac.).

- amazonica (Robyns) J.A. Steyermark & W.D. Stevens in *Ann. Missouri Bot. Gard.*, 75(1): 397 (1988): Bombacopsis amazonica.
- aracamuniana J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 76(4): 951 (1989)—Venezuela.
- coriacea (Martius & Zucc.) J.A. Steyermark & W.D. Stevens in *Ann. Missouri Bot. Gard.*, 75(1): 397 (1988): Bombax coriaceum.
 subsp. orinocensis (Robyns) J.A. Steyermark & W.D. Stevens in *Ann. Missouri Bot. Gard.*, 75(1): 397 (1988): Rhodognaphalopsis coriacea subsp. orinocensis.
- cowanii (Robyns) J.A. Steyermark & W.D. Stevens in *Ann. Missouri Bot. Gard.*, 75(1): 397 (1988): Bombacopsis cowanii.
- ewelii J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 75(2): 1077 (1988)—Brazil.
- flaviflora (Pulle) J.A. Steyermark & W.D. Stevens in *Ann. Missouri Bot. Gard.*, 75(1): 397 (1988): Bombax flaviflorum.
- fuscolepidota J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 75(3): 1077 (1988)—Venezuela.

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- gracilis (Robyns) J.A. Steyermark & W.D. Stevens in *Ann. Missouri Bot. Gard.*, 75(1): 397 (1988): Rhodognaphalopsis gracilis.
 subsp. bolivarensis J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 75(3): 1078 (1988)—Venezuela.
- humilis (Spruce ex Decne.) J.A. Steyermark & W.D. Stevens in *Ann. Missouri Bot. Gard.*, 75(1): 397 (1988): Pachira humilis.
- liesneri J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 75(3): 1079 (1988)—Venezuela.
- maguirei (Robyns) J.A. Steyermark & W.D. Stevens in *Ann. Missouri Bot. Gard.*, 75(1): 397 (1988): Rhodognaphalopsis maguirei.
- mawarinumae J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 75(3): 1079 (1988)—Venezuela.
- minor (Sims) J.A. Steyermark & W.D. Stevens in *Ann. Missouri Bot. Gard.*, 75(1): 397 (1988): Carolina minor.
- nitida (Kunth) J.A. Steyermark & W.D. Stevens in *Ann. Missouri Bot. Gard.*, 75(1): 397 (1988): Pachira nitida.
- obovata (Robyns) J.A. Steyermark & W.D. Stevens in *Ann. Missouri Bot. Gard.*, 75(1): 397 (1988): Bombacopsis obovata.
- orinocensis (Robyns) J.A. Steyermark & W.D. Stevens in *Ann. Missouri Bot. Gard.*, 75(1): 398 (1988): Bombacopsis orinocensis.
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- pseudofaroensis (Robyns) J.A. Steyermark & W.D. Stevens in *Ann. Missouri Bot. Gard.*, 75(1): 398 (1988): Rhodognaphalopsis pseudofaroensis.
- quinata (Jacq.) W.D. Stevens in *Taxon* 36(2): 463 (1987): Bombax quinatum.
- redmondii J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 75(3): 1081 (1988)—Venezuela.
- robysii J.A. Steyermark & W.D. Stevens in *Ann. Missouri Bot. Gard.*, 75(4): 1586 (1988 publ. 1989), nom. nov.: Bombacopsis coriacea Robyns.
- sessilis (Benth.) W.D. Stevens in *Taxon* 36(2): 463 (1987): Pachira sessilis.
- sordida (R. Schultes) J.A. Steyermark & W.D. Stevens in *Ann. Missouri Bot. Gard.*, 75(1): 398 (1988): Bombax sordidum.
- speciosa (Triana & Planchon) O.M. Montiel in *Phytologia*, 64(5): 336 (1988): Pachira speciosa.
- squamigera (Cuatrec.) O.M. Montiel in *Phytologia*, 64(5): 336 (1988): Pseudobombax squamigerum.
- tepuiensis J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 75(3): 1081 (1988)—Venezuela.
- trinitensis (Urban) J.A. Steyermark & W.D. Stevens in *Ann. Missouri Bot. Gard.*, 75(1): 398 (1988): Pachira trinitensis.
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- Phytologia*, 66(1): 70 (1989), without basionym ref.: Basionym not stated (Bromeliac.).
- ferruginea (L.B. Smith) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 70 (1989), generic name not validly publ.: Aechmea ferruginea.
- galeottii (Baker) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 70 (1989), generic name not validly publ.: Aechmea galeottii.
- lueddemanniana (K. Koch) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 70 (1989), generic name not validly publ.: Pironneava lueddemanniana.
- macvaughii (L.B. Smith) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 70 (1989), generic name not validly publ.: Aechmea macvaughii.
- mexicana (Baker) L.B. Smith & W.J. Kress in *Phytologia*, 66(1): 70 (1989), generic name not validly publ.: Aechmea mexicana.

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- densiflora (Benth.) H.H. Iltis & T.S. Cochrane in *Rev. Acad. Colomb. Cienc. Exact. Fis. Nat.*, 65: 268 (1989): Gynandropsis densiflora.
- f. pallens (Tr. & Pl.) H.H. Iltis & T.S. Cochrane in *Rev. Acad. Colomb. Cienc. Exact. Fis. Nat.*, 65: 268 (1989): Cleome densiflora var. β pallens.

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ser. *Tuberifera* C. Chen & X.J. Cui in *Acta Bot. Yunnanica*, 9(3): 307 (1987).
fallax (*Schindl.*) C. Chen & X.J. Cui in *Acta Bot. Yunnanica*, 9(3): 306 (1987): *Desmodium fallax*.
var. *densum* C. Chen & X.J. Cui in *Acta Bot. Yunnanica*, 9(3): 306 (1987)—China.
menglaense C. Chen & X.J. Cui in *Acta Bot. Yunnanica*, 9(3): 305 (1987)—China.

PODOCARPUS (Podocarpaceae.).

angustifolius
var. *aristulatus* (Parl.) J. Staszkiwicz in *Fragm. Flor. Geobot.*, 33(1-2): 77 (1988), without basionym ref.: *P. aristulatus*.
subsp. *buchii* (Urb.) J. Staszkiwicz in *Fragm. Flor. Geobot.*, 33(1-2): 77 (1988): *P. buchii*.
var. *leonii* (Car.) J. Staszkiwicz in *Fragm. Flor. Geobot.*, 33(1-2): 77 (1988), without basionym ref.: *P. leonii*.
f. *victorinianus* (Car.) J. Staszkiwicz in *Fragm. Flor. Geobot.*, 33(1-2): 77 (1988), without basionym ref.: *P. victorinianus*.
aracensis D.J. De Laubenfels & J. Silba in *Phytologia*, 65(5): 330 (1988)—Brazil.
barretoii de Laubenfels & J. Silba in *Phytologia*, 68(1): 65 (1990)—Brazil.
brasiliensis D.J. de Laubenfels in *Fl. Venezuela*, 11(2): 31 (1982)—Brazil, Venezuela.
buchholzii D.J. de Laubenfels in *Fl. Venezuela*, 11(2): 31 (1982)—Venezuela.
var. *neblinensis* J. Silba in *Phytologia*, 68(1): 66 (1990)—Venezuela, Brazil.
caespitosus (Brongn. & Gris) M.G. Baumann-Bodenheim, *Syst. Fl. Neu-Caledonien*, 5: 76 (1989): *P. alpinus* var. *caespitosus*.
celatus D.J. de Laubenfels in *Fl. Venezuela*, 11(2): 35 (1982)—Bolivia, Peru, Venezuela.
chinensis
var. *wardii* D.J. de Laubenfels & J. Silba in *Phytologia*, 65(5): 331 (1988)—Burma.
epiphyticus D.J. de Laubenfels & J. Silba in *Phytologia*, 64(4): 290 (1988)—Burma.
hispaniolensis D.J. de Laubenfels in *Moscocosa*, 3: 149 (1984)—Hispaniola (Dominican Republic).
indonesiensis D.J. de Laubenfels & J. Silba in *Phytologia*, 64(4): 292 (1988)—Celebes, Moluccas.
macrophyllus
var. *pilramulus* Z.X. Chen & Z.Q. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(3): 69 (1989)—China.
matudae
var. *jaliscaus* de Laubenfels & J. Silba in *Phytologia*, 68(1): 68 (1990)—Mexico.
var. *reichel* (Buchholz & Gray) de Laubenfels & J. Silba in *Phytologia*, 68(1): 69 (1990): *P. reichel*.
oleifolius
var. *equadorensis* J. Silba in *Phytologia*, 68(1): 69 (1990)—Ecuador.
palawanensis D.J. de Laubenfels & J. Silba in *Phytologia*, 64(4): 291 (1988)—Philippine Is.
polystachyus
var. *thevetiifolius* (Blume) J. Silba in *Phytologia*, 68(1): 70 (1990): *P. thevetiifolius*.

PODOCHILUS (Orchidac.).

intermedius L.V. Aver'yanov in *Bot. Zhurn.*, 73(7): 1022 (1988)—Vietnam.

PODOLOBIUM (Legumin.).

bidwellianum J.W. Loudon, *Ladies' Mag. Gard.*, 1: t. 8, fig. 4 (Aug. 1841); cf. D.J. Mabblerley in *Taxon*, 27(5-6): 491 (1978)—Australia.

PODOTHECA (Compas.).

pritzelii P.S. Short in *Muelleria*, 7(1): 49 (1989)—Australia (W. Australia).
uniseta P.S. Short in *Muelleria*, 7(1): 51 (1989)—Australia (W. Australia).
wilsonii P.S. Short in *Muelleria*, 7(1): 46 (1989)—Australia (W. Australia).

POECILANTHE (Legumin.).

itapuna G.P. Lewis in *Kew Bull.*, 44(1): 167 (1989)—Brazil.

POECILOSTACHYS (Gramin.).

oplismenoides (Hack.) W.D. Clayton in *Kew Bull.*, 42(2): 403 (1987): *Panicum oplismenoides*.

POGONOPUS (Rubiace.).

erythroxyloides (Standl.) J.H. Kirkbride in *Acta Amazonica*, 15(1-2): 54 (1985 publ. 1986): *Capirona erythroxyloides*.

POGOSTEMON (Labiata.).

erectus
var. *gracilis* (Dalz.) G. Panigrahi in *J. Orissa Bot. Soc.*, 6(1): 52 (1984): *Dysophylla gracilis*.
kachinensis (Mukherjee) G. Panigrahi in *J. Orissa Bot. Soc.*, 6(1): 53 (1984): *Dysophylla kachinensis*.

POHLIDIUM G. Davidse, T.R. Soderstrom & R.P. Ellis in *Syst. Bot.*, 11(1): 131 (1986).
GRAMINEAE.

petiolatum G. Davidse, T.R. Soderstrom & R.P. Ellis in *Syst. Bot.*, 11(1): 131 (1986)—Panama.

POIKILACANTHUS (Acanthac.).

capitatus (Leonard) T.P. Ramamoorthy in *Syst. Bot.*, 14(2): 151 (1989): *Jacobinia capitata*.
glandulosus (Nees) L. Ariza Espinar in *Kurtziana*, 17: 159 (1984): *Orthoctactus glandulosus*.
harlingii D.C. Wasshausen in *Op. Bot.*, 92: 275 (1987)—Ecuador.

POILANNAMMIA C. Hansen in *Bull. Mus. Nation. Hist. Nat.*, B, Adansonia, Ser. 4, 9(3): 263 (1987 publ. 1988).
MELASTOMATACEAE.

allomorpha C. Hansen in *Bull. Mus. Nation. Hist. Nat.*, B, Adansonia, Ser. 4, 9(3): 268 (1987 publ. 1988)—Vietnam.
costata C. Hansen in *Bull. Mus. Nation. Hist. Nat.*, B, Adansonia, Ser. 4, 9(3): 266 (1987 publ. 1988)—Vietnam.
incisa C. Hansen in *Bull. Mus. Nation. Hist. Nat.*, B, Adansonia, Ser. 4, 9(3): 270 (1987 publ. 1988)—Vietnam.
trimerica C. Hansen in *Bull. Mus. Nation. Hist. Nat.*, B, Adansonia, Ser. 4, 9(3): 266 (1987 publ. 1988)—Vietnam.

POINSETTIA (Euphorbiac.).

cyathophora (J. Murr.) Bartl., *Ind. Sem. Hort. Acad. Gott.*, 1839: 6 (1839); cf. D.J. Mabblerley in *Taxon*, 32(1): 86 (1983): *Euphorbia cyathophora*.

POIRETIA (Legumin.).

bahiana C. Müller in *Rev. Brasil. Bot.*, 9(1): 23 (1986 publ. 1987)—Brazil.
crenata C. Müller in *Rev. Brasil. Bot.*, 9(1): 23 (1986 publ. 1987)—Brazil.
elegans C. Müller in *Rev. Brasil. Bot.*, 9(1): 26 (1986 publ. 1987)—Brazil.
marginata C. Müller in *Rev. Brasil. Bot.*, 9(1): 26 (1986 publ. 1987)—Brazil.
mattogrossensis C. Müller in *Rev. Brasil. Bot.*, 9(1): 26 (1986 publ. 1987)—Brazil.

POLEMANNIA (Umbellif.).

simplicior O.M. Hilliard & B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(2): 225 (1986)—South Africa (Cape Province, Orange Free State, Natal), Lesotho.

POLEMANNIOPSIS B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 498 (1988 publ. 1989).
UMBELLIFERAE.

marlothii (H. Wolff) B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 499 (1988 publ. 1989): *Polemanna* (?) *marlothii*.

POLEMONIUM (Polemoniace.).

chinense
var. *hirticaulum* G.H. Liu & Y.Q. Ma in *Acta Sci. Nat. Univ. Intramongolicae*, 20(3): 392 (1989)—China.
pulcherrimum
subsp. *lindleyi* (Wherry) V. Grant in *Bot. Gaz.*, 150(2): 163 (1989): *P. lindleyi*.

POLEMONIUM :-

sūmshānense G.H. Liu & Y.Q. Ma in *Acta Sci. Nat. Univ. Intramongolicae*, 20(3): 392 (1989)—China.

POLHILLIA C.H. Stirton in *S. Afr. J. Bot.*, 52(2): 170 (1986), nom. nov.: *Lebeckia* subgen. *Plecolobium* C.H. Stirton (Legumin.).

brevicalyx (C.H. Stirton) B.E. van Wyk & A.L. Schutte in *Kew Bull.*, 44(3): 420 (1989): *Argyrolobium brevicalyx*.
canescens C.H. Stirton in *S. Afr. J. Bot.*, 52(2): 177 (1986)—South Africa (Cape Province).
connatum (Harv.) C.H. Stirton in *S. Afr. J. Bot.*, 52(2): 174 (1986): *Argyrolobium connatum*.
involutatum (Thunb.) B.E. van Wyk & A.L. Schutte in *Kew Bull.*, 44(3): 420 (1989): *Psoralea involutata*.
pallens C.H. Stirton in *S. Afr. J. Bot.*, 52(2): 171 (1986)—South Africa (Cape Province).
waltersii (C.H. Stirton) C.H. Stirton in *S. Afr. J. Bot.*, 52(2): 173 (1986): *Lebeckia waltersii*.

POLIANTHES (Agavac.).

gemiflora
var. *clivicola* R. McVaugh, *Fl. Novo-Galiciana*, 250 (1989)—Mexico.
var. *graminifolia* (Rose) R. McVaugh, *Fl. Novo-Galiciana*, 15: 251 (1989): *P. graminifolia*.

POLYALTHIA (Annonac.).

australis (Benth.) L.W. Jessup in *Austrobaileya*, 2(3): 227 (1986): *Popowia australis*.
meghalayensis V. Prakash & B.N. Mehrotra in *Nordic J. Bot.*, 10(1): 45 (1990)—India.
ovalifolia S.H. Rogstad in *J. Arnold Arbor.*, 70(2): 214 (1989)—Borneo (Sarawak, Brunei).

POLYCARENA (Scrophulariac.).

aemulans O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 486 (1988 publ. 1989)—South Africa (Cape Province).
batteniana O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 486 (1988 publ. 1989)—South Africa (Cape Province).
comptonii O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 487 (1988 publ. 1989)—South Africa (Cape Province).
exigua O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 487 (1988 publ. 1989)—South Africa (Cape Province).
formosa O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 487 (1988 publ. 1989)—South Africa (Cape Province).
gracilis O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 487 (1988 publ. 1989)—South Africa (Cape Province).
lilacina O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 488 (1988 publ. 1989)—South Africa (Cape Province).
var. *difficilis* O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 488 (1988 publ. 1989)—South Africa (Cape Province).
nardouwensis O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 488 (1988 publ. 1989)—South Africa (Cape Province).
subtilis O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 488 (1988 publ. 1989)—South Africa (Cape Province).

POLYCARPAEA (Caryophyllac.).

corymbosa
var. *diffusa* (Wight & Arn.) S.R. Ramesh & B.A. Razi in *J. Econ. Taxon. Bot.*, 7(3): 740 (1985 publ. 1986): *P. diffusa*.
var. *longipetala* S.R. Srinivasan & D. Narasimhan in *J. Econ. Taxon. Bot.*, 10(2): 347 (1987 publ. 1988)—India.
pulvinata M.G. Gilbert in *Kew Bull.*, 42(3): 703 (1987)—Somali Republic.
rupicola J.-P. Lebrun & A.L. Stork in *Bull. Mus. Nation. Hist. Nat.*, B, Adansonia, Ser. 4, 9(1): 39 (1987)—Cameroun.
ventiversa M.G. Gilbert in *Kew Bull.*, 42(3): 704 (1987)—Somali Republic.

POLYCARPON (Caryophyllac.).

- polycarpoides
 subsp. colomense (*Porta*) *J. Pedrol* in *Fl. Iberica*, 2: 164 (1990): P. colomense.
- tetraphyllum
 f. depauperatum (*Merino*) *F. Amich García* in *An. Jard. Bot. Madrid*, 43(2): 467 (1986 publ. 1987): P. tetraphyllum var. depauperatum.
 f. ovalifolium (*Merino*) *F. Amich García* in *An. Jard. Bot. Madrid*, 43(2): 467 (1986 publ. 1987): P. tetraphyllum var. ovalifolium.

POLYGALA (Polygalac.).

- ser. densifoliae *M.C.M. Marques* in *Arg. Jard. Bot. Rio de Janeiro*, 29: 56 (1988 publ. 1989).
- sect. Melchiora (*Steen.*) *R. van der Meijden* in *Fl. Males.*, 10(3): 465 (1988): *Bredemeyera* sect. Melchiora.
- ser. Sedoideae *M.C.M. Marques* in *Arg. Jard. Bot. Rio de Janeiro*, 29: 16 (1988 publ. 1989).
- albicans
 var. caracaensis *Glaz. ex M. do C.M. Marques* in *Rodriguésia*, 36(60): 7 (1984)—Brazil.
 var. silvae *M. do C.M. Marques* in *Rodriguésia*, 36(60): 7 (1984)—Brazil.
- angustifolia (*Chodat*) *R.N. Banerjee* in *Bull. Bot. Surv. India*, 26(1–2): 2 (1984 publ. 1985): P. arillata var. angustifolia.
 var. scandens (*Mukerjee*) *G.S. Giri* & *R.N. Banerjee* in *Bull. Bot. Surv. India*, 26(1–2): 3 (1984 publ. 1985): P. arillata f. scandens.
- arillata
 var. chartacea (*Mukerjee*) *G.S. Giri* in *Bull. Bot. Surv. India*, 26(1–2): 5 (1984 publ. 1985): P. arillata f. chartacea.
 var. laevicarpa *R.N. Banerjee* & *G.S. Giri* in *Candollea*, 42(2): 557 (1987)—Nepal, Sikkim.
 var. revoluta (*Mukerjee*) *G.S. Giri* in *Bull. Bot. Surv. India*, 26(1–2): 5 (1984 publ. 1985): P. arillata f. revoluta.
- caespitosa *T. Nees*, *Pl. Offic.*, sub t. 411 (?1828); cf. *D.J. Mabberley* in *Taxon*, 31(1): 72 (1982)—Locality not stated.
- comosa
 var. hybrida (*DC.*) *D.A. Petelin* in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 2: 192 (1987): P. hybrida.
- cuspidata
 var. comata (*Benn.*) *M.C.M. Marques* in *Arg. Jard. Bot. Rio de Janeiro*, 29: 35 (1988 publ. 1989): P. comata.
- densifolia
 var. exasperata (*Chod.*) *M.C.M. Marques* in *Arg. Jard. Bot. Rio de Janeiro*, 29: 65 (1988 publ. 1989): P. exasperata.
 var. rostrata (*Chod.*) *M.C.M. Marques* in *Arg. Jard. Bot. Rio de Janeiro*, 29: 64 (1988 publ. 1989): P. rostrata.
- exigua
 var. fendleri (*Chod.*) *M.C.M. Marques* in *Arg. Jard. Bot. Rio de Janeiro*, 29: 69 (1988 publ. 1989): P. fendleri.
- globulifera
 var. kachinensis (*Mukerjee*) *R.N. Banerjee* in *Bull. Bot. Surv. India*, 26(1–2): 6 (1984 publ. 1985): P. arillata f. kachinensis.
- glochidiata
 var. subaphylla (*St.-Hil.*) *M.C.M. Marques* in *Arg. Jard. Bot. Rio de Janeiro*, 29: 71 (1988 publ. 1989): P. raddiana var. subaphylla.
- herbiola
 var. chapadensis (*Chod. ex Grond.*) *M.C.M. Marques* in *Arg. Jard. Bot. Rio de Janeiro*, 29: 24 (1988 publ. 1989): P. chapadensis.
 var. vitellina (*Wurd.*) *M.C.M. Marques* in *Arg. Jard. Bot. Rio de Janeiro*, 29: 24 (1988 publ. 1989): P. vitellina.
- lactiflora *J. Paiva* & *R.K. Brummitt* in *An. Jard. Bot. Madrid*, 43(1): 24 (1986)—Malawi.
- millspaughiana *J.A.R. Paiva* in *Fontqueria*, 7: 1 (1985), nom. nov.: P. uncinata *Wright ex Millsp.*
- minima
 var. oxyrhynchos (*Chod.*) *M.C.M. Marques* in *Arg. Jard. Bot. Rio de Janeiro*, 29: 70 (1988 publ. 1989): P. oxyrhynchos.

POLYGALA :-

- negevensis *A. Danin* in *Israel J. Bot.*, 36(2): 67 (1987)—Israel, Jordan, Sinai Peninsula, Saudi Arabia.
- nicaensis
 subsp. panonica (*Pócs*) *Melzer ex T. Wraber* & *M. Palma* in *Biol. Vestn.*, 30(2): 119 (1982): P. nicaensis var. panonica.
- papuana (*Steen.*) *R. van der Meijden* in *Fl. Males.*, 10(3): 465 (1988): *Bredemeyera* papuana.
- pseudoerica
 var. juniperoides (*Chod.*) *M.C.M. Marques* in *Arg. Jard. Bot. Rio de Janeiro*, 29: 44 (1988 publ. 1989): P. juniperoides.
- schwartziana *J.A.R. Paiva* in *An. Jard. Bot. Madrid*, 45(1): 155 (1988), nom. nov.: P. subaphylla *Schwartz.*
- senensis
 var. calcicola (*Chodat*) *J.A.R. Paiva* in *An. Jard. Bot. Madrid*, 45(1): 157 (1988): P. calcicola.
- stephaniana *M.C.M. Marques* in *Arg. Jard. Bot. Rio de Janeiro*, 29: 73 (1988 publ. 1989), nom. nov.: P. weddelliana *Chod.*
- timoutoides
 var. maguirei (*Wurd.*) *M.C.M. Marques* in *Arg. Jard. Bot. Rio de Janeiro*, 29: 39 (1988 publ. 1989): P. maguirei.
- vulgaris
 f. angustifolia *Tosco ex G. Ariello, G.G. Bellia* & *M.T. Della Beffa* in *Rea*, 11: 10 (1981–87 publ. 1988)—Italy.
 f. latifolia *Tosco ex G. Ariello, G.G. Bellia* & *M.T. Della Beffa* in *Rea*, 11: 10 (1981–87 publ. 1988)—Italy.

POLYGONATUM (Convallariac.).

- adnatum *S.Y. Liang* in *Acta Phytotax. Sin.*, 25(1): 65 (1987)—China.
- cirrhifolioides *D.M. Liu* & *W.Z. Zeng* in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 91 (1986)—China, Xizang.
- longipedunculatum *S.Y. Liang* in *Acta Phytotax. Sin.*, 25(1): 64 (1987)—China.
- longistylum *Y. Wan ex C.Z. Gao* in *Guihaia*, 10(3): 177 (1990)—China.
- strumulosum *D.M. Liu* & *W.Z. Zeng* in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 92 (1986)—China.
- tsinlingense *Y.W. Tsui* in *Contrib. Inst. Bot. Nation. Acad. Peiping*, 6(3): 135 (1949)—China.
- vietnamicum *L.I. Abramova* in *Novosti Sist. Vyssh. Rast.*, 23: 47 (1986)—Vietnam.

POLYGONUM (Polygonac.).

- subsect. Alpestrina *N.N. Tsvetlev* in *Novosti Sist. Vyssh. Rast.*, 26: 68 (1989).
- sect. Corrigioloides *N.N. Tsvetlev* in *Novosti Sist. Vyssh. Rast.*, 26: 72 (1989).
- sect. Paronychioides *N.N. Tsvetlev* in *Novosti Sist. Vyssh. Rast.*, 26: 72 (1989).
- sect. Plebeja *N.N. Tsvetlev* in *Novosti Sist. Vyssh. Rast.*, 24: 78 (1987).
- subsect. Setosa *N.N. Tsvetlev* in *Novosti Sist. Vyssh. Rast.*, 26: 72 (1989).
- aboriginum (*E.L. Greene*) *F. Fedde* in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria* aboriginum.
- abscissum (*E.L. Greene*) *F. Fedde* in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria* abscissa.
- alismaefolium (*E.L. Greene*) *F. Fedde* in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria* alismaefolia.
- ammophilum (*E.L. Greene*) *F. Fedde* in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria* ammophila.
- amplexicaulis (*D. Don*) *L.P. Ronse Decraene* in *Bot. J. Linn. Soc.*, 98(4): 368 (1988): *Polygonum* amplexicaule.
- arenastrum
 var. caspicum (*Kom.*) *N.N. Tsvetlev* in *Novosti Sist. Vyssh. Rast.*, 26: 69 (1989): P. caspicum.
- asclepiadeum (*E.L. Greene*) *F. Fedde* in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria* asclepiadea.
- aviculare
 subsp. bellardii (*All.*) *O. de Bolòs* & *J. Vigo*, *Fl. Paisos Catalans*, 2: 619 (1990): P. bellardii.

POLYGONUM :-

- var. heterophyllum (*Lindm.*) *A.H. Munshi* & *G.N. Javeid*, *Syst. Stud. Polygonac. Kashmir Himalaya (J. Econ. Taxon. Bot. Addit. Ser. 2)*: 55 (1986): P. heterophyllum.
- subsp. pulchellum (*Loisel.*) *O. de Bolòs* & *J. Vigo*, *Fl. Paisos Catalans*, 2: 620 (1990): P. pulchellum.
- balansae
 subsp. battandieri (*Maire* & *Sennen*) *W. Greuter* in *Willdenowia*, 16(2): 451 (1987): P. aviculare subsp. battandieri.
 subsp. induratum (*Asch. & Barbey*) *W. Greuter* in *Willdenowia*, 16(2): 451 (1987): P. induratum.
 subsp. rhizoxylon (*Pau* & *Font Quer*) *W. Greuter* in *Willdenowia*, 16(2): 451 (1987): P. rhizoxylon.
- baltistanicum *M.N. Chaudhri* in *Pakistan Syst.*, 3(1): 30 (1987)—Pakistan.
- bellardii
 var. densa *J. Pastor* & *A. Aparicio* in *Lagascalia*, 14(1): 133 (1986)—Spain.
- botuliforme *V. Mozaffarian* in *Iranian J. Bot.*, 4(1): 62 (1988)—Iran.
- calophyllum (*E.L. Greene*) *F. Fedde* in *Just's Bot. Jahresber.*, 32(1): 415 (1905): *Bistorta* calophylla.
- canadense (*E.L. Greene*) *F. Fedde* in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria* canadensis.
- caurianum
 subsp. hudsonianum *S.J. Wolf* & *J. McNeill* in *Rhodora*, 88(856): 469 (1986)—Canada (Quebec, Labrador).
- chelanicum (*E.L. Greene*) *F. Fedde* in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria* chelanica.
- clarkei *C.W. Park* in *Brittonia*, 38(3): 217 (1986), nom. nov.: P. pedunculare var. assamicum *Hook. f.*
- covillei (*E.L. Greene*) *F. Fedde* in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria* covillei.
- cusickii (*E.L. Greene*) *F. Fedde* in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria* cusickii.
- debilis
 f. purpurea *N. Yonezawa* in *J. Phytogeogr. Taxon.*, 33(1): 56 (1985)—Japan.
- dichotomum
 var. angustissima (*Hook. f.*) *V. Chandrasekaran* in *A.N. Henry, G.R. Kumari* & *V. Chithra*, *Fl. Tamil Nadu, India, Ser. 1*, 2: 197 (1987): P. pedunculare var. angustissima.
 var. angustissimum (*Hook. f.*) *C.W. Park* in *Mem. New York Bot. Gard.*, 47: 75 (1988), isonym see *V. Chandrasekaran* in *A.N. Henry et al.*, *Fl. Tamil Nadu, India, Ser. 1*, 2: 197 (1987): P. pedunculare var. angustissimum.
 var. nilagiricum (*Hook. f.*) *V. Chandrasekaran* in *A.N. Henry, G.R. Kumari* & *V. Chithra*, *Fl. Tamil Nadu, India, Ser. 1*, 2: 198 (1987): P. pedunculare var. nilagiricum.
 var. robustum (*Hook. f.*) *V. Chandrasekaran* in *A.N. Henry, G.R. Kumari* & *V. Chithra*, *Fl. Tamil Nadu, India, Ser. 1*, 2: 198 (1987): P. pedunculare var. robusta.
- douglasii
 subsp. engelmannii (*E. Greene*) *J.T. Kartesz* & *K.N. Gandhi* in *Phytologia*, 68(6): 424 (1990): P. engelmannii.
- dumetorum
 var. subalatum *A.E. Borodina* in *Rast. Tsentral. Azii*, 9: 120 (1989)—Xinjiang.
- ebracteatum *A.H. Munshi* & *G.N. Javeid*, *Syst. Stud. Polygonac. Kashmir Himalaya (J. Econ. Taxon. Bot. Addit. Ser. 2)*: 56 (1986)—India.
- filiforme *C.P. Thunberg ex A. Murray* in *Linnaeus, Syst. Veg.*, ed. 14: 377 (1784)—Japan.†
- fistulosum (*E.L. Greene*) *F. Fedde* in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria* fistulosa.
- franciscanum (*E.L. Greene*) *F. Fedde* in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria* franciscana.
- franktonii *S.J. Wolf* & *J. McNeill* in *Rhodora*, 88(856): 474 (1986)—Canada (Nova Scotia).
- fusco-ochreatum
 f. stans (*Kitag.*) *C.F. Fang* in *Fl. Liaoningica*, chief ed. *S.X. Li*, 1: 319 (1988), without basionym ref.: P. stans.
- ganderbalense *A.H. Munshi* & *G.N. Javeid*, *Syst. Stud. Polygonac. Kashmir Himalaya (J. Econ. Taxon. Bot. Addit. Ser. 2)*: 55 (1986), as 'ganderbalensis'—India.

POLYGONUM:—

- grandifolium (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria grandifolia*.
 hassanabadicum M.N. Chaudhri in *Pakistan Syst.*, 3(1): 28 (1987)—Pakistan.
 hesperium (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria hesperia*.
 homalostachyum (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria homalostachya*.
 humifusum
f. yamatutae (Kitag.) C.F. Fang in *Fl. Liaoningica*, chief ed. S.X. Li, 1: 320 (1988): *P. yamatutae*.
 insigne (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria insignis*.
 laetevirens (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria laetevirens*.
 langloisii (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria langloisii*.
 laurinum (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria laurina*.
 leptophyllum (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 415 (1905): *Bistorta leptophylla*.
 lilacinum (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 415 (1905): *Bistorta lilacina*.
 littorale (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 415 (1905): *Bistorta littoralis*.
 lonchophyllum (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria lonchophylla*.
 mesochorum (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria mesochora*.
 mirajabii M.N. Chaudhri in *Pakistan Syst.*, 3(1): 28 (1987)—Pakistan.
 multiflorum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 379 (1784)—Japan.†
 muriculatum (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria muriculata*.
 novae-angliae (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria novae-angliae*.
 ophiophilum (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria ophiophila*.
 oreganum (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria oregana*.
 otophyllum (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria otophylla*.
 oxyspermum
subsp. robertii (Loisel.) J.R. Akeroyd & D.A. Webb in *Bot. J. Linn. Soc.*, 97(4): 344 (1988): *P. robertii*.
 papillosum P. Hartvig in *Willdenowia*, 19(1): 75 (1989)—Greece.
 plantagineum (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria plantaginea*.
 plattense (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria plattensis*.
 popovii A.E. Borodina in *Rast. Tsentral. Azii*, 9: 104 (1989)—Xinjiang.
 porteri (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria porteri*.
 pratincolum (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria pratincola*.
 pronum C.F. Fang in *Fl. Liaoningica*, chief ed. S.X. Li, 1: 335 (1988), nom. nov.: *P. procumbens* Chang & Li.
 propinquum (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria propinqua*.
 przewalskii A. Skvorts. & A.E. Borodina in *Rast. Tsentral. Azii*, 9: 106 (1989)—China.
 psammophilum (Bordz. ex Tzvel.) N.N. Tsvetlev in *Novosti Sist. Vyssh. Rast.*, 25: 188 (1988): *P. novoascanicum* subsp. *psammophilum*.
 psychrophilum (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria psychrophila*.
 purpuratum (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria purpurata*.
 raii Bab. in *Brewster, Taylor & Phillips, Phil. Mag. & J. Sci.*, 8: 346 (Apr. 1836); cf. D.J. Mabberley in *Taxon*, 31(1): 72 (1982)—Locality not stated.

POLYGONUM:—

- remotum (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria remotata*.
 ribesoides Huber, *Cat. Végét.*: 14 (1875); cf. D.J. Mabberley in *Taxon*, 34(3): 451 (1985)—Locality not stated.
 rigidulum (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria rigidula*.
 romanum
subsp. balearicum M. Raffaelli & L. Villar in *Collect. Bot.*, 17(1): 50 (1987 publ. 1988)—Balearic Is.
subsp. gallicum (Raffaelli) M. Raffaelli & L. Villar in *Collect. Bot.*, 17(1): 50 (1987 publ. 1988): *P. gallicum*.
 roseoviride
var. manshuricola (Kitag.) C.F. Fang in *Fl. Liaoningica*, chief ed. S.X. Li, 1: 334 (1988): *Persicaria manshuricola*.
 rothrockii (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria rothrockii*.
 samsunicum Ş. Yildirimli & E. Leblebici in *Willdenowia*, 19(1): 87 (1989)—Turkey.
 scaberulum (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 415 (1905): *Bistorta scaberula*.
 schischkini Ivanova ex A.E. Borodina in *Rast. Tsentral. Azii*, 9: 104 (1989), nom. nov.: *P. glareosum* Schischk.
 scopulinum (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 415 (1905): *Bistorta scopulina*.
 senegalense
subsp. albotomentosum (R.A. Grah.) G. Germishuizen in *Bothalia*, 16(2): 233 (1986): *P. senegalense* f. *albotomentosum*.
 senticosum
var. sagittifolium (Léveillé & Vaniot) C.W. Park in *Brittonia*, 38(3): 218 (1986): *P. sagittifolium*.
 sivasicum Kit Tan & B. Yildiz in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 439 (1988 publ. 1989)—Turkey.
 spectabile (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria spectabilis*.
 strigosum
var. angustissimum (Hook.f.) P.V. Bole & M.R. Almeida in *J. Bombay Nat. Hist. Soc.*, 86(2): 177 (1989): *P. pedunculare* var. *angustissima*.
 subcoriaceum (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria subcoriacea*.
 subsagittatum (De Wildeman) C.W. Park in *Brittonia*, 38(3): 218 (1986): *P. pedunculare* var. *subsagittatum*.
 vestitum (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria vestita*.
 villosulum (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria villosula*.
 viviparum
var. ramiflora L. Villar in *An. Jard. Bot. Madrid*, 44(1): 185 (1987)—Spain.
 volchovense N.N. Tsvetlev in *Novosti Sist. Vyssh. Rast.*, 25: 187 (1988)—U.S.S.R. (European Russia).
 wardii (E.L. Greene) F. Fedde in *Just's Bot. Jahresber.*, 32(1): 417 (1905): *Persicaria wardii*.

POLYMNIA (Compos.).

- cossatotensis A.B. Pitman & V. Bates in *Sida*, 13(4): 481 (1989)—U.S.A. (Arkansas).

POLYOSMA (Escalloniaceae).

- robusta (Ridl.) L.G. Saw in *Tree Fl. Malaya*, 4: 468 (1989): *P. laete-virens* var. *robusta*.

POLYPOGON (Gramin.).

- monspeiliensis
var. indicus S. Bhattacharya & S.K. Jain in *Bull. Bot. Surv. India*, 25(1-4): 208 (1983 publ. 1985)—India, Afghanistan.

POLYSCHIAS (Araliac.).

- schmidii P.P. Lowry in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 11(2): 140 (1989)—Vanuatu.

POLYSPORA (Theac.).

- axillaris
var. nantoensis (Keng) S.S. Ying in *Quart. J. Chinese Forest.*, 20(4): 130 (1987): *Gordonia axillaris* var. *nantoensis*.
var. tagawae (Ohwi) S.S. Ying in *Quart. J. Chinese Forest.*, 20(4): 130 (1987): *Gordonia tagawae*.

POLYSTACHYA (Orchidac.).

- babilonii D. Geerinck in *Bull. Jard. Bot. Nation. Belg.*, 57(3-4): 484 (1987)—Zaire.
 fabriana D. Geerinck in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 492 (1986)—Rwanda.
 mildbraedii
var. angustifolia (Summerh.) D. Geerinck in *Fl. Rwanda - Spermatophytes*, 4: 610 (1988): *P. angustifolia*.
 ruwenzoriensis
var. tridentata (Summerh.) D. Geerinck in *Fl. Rwanda - Spermatophytes*, 4: 612 (1988): *P. tridentata*.
 stewartiana D. Geerinck in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 493 (1986)—Zaire.

POMADERRIS (Rhamnaceae).

- brogoensis N.G. Walsh in *Muelleria*, 6(6): 429 (1988)—Australia (New South Wales).
 clivicola E.M. Ross in *Austrobaileya*, 3(2): 315 (1990)—Australia (Queensland).
 cocoparrana N.G. Walsh in *Muelleria*, 7(2): 209 (1990)—Australia (New South Wales).
 gilmourii N.G. Walsh in *Muelleria*, 7(1): 81 (1989)—Australia (New South Wales).
var. cana N.G. Walsh in *Muelleria*, 7(1): 82 (1989)—Australia (New South Wales).
 halmaturina
subsp. continentis N.G. Walsh in *Muelleria*, 7(2): 282 (1990)—Australia (Victoria, S. Australia).
 humilis N.G. Walsh in *Muelleria*, 7(1): 84 (1989)—Australia (Victoria).
 oblongifolia N.G. Walsh in *Muelleria*, 7(2): 284 (1990)—Australia (Victoria).
 oraria
subsp. calcicola N.G. Walsh in *Muelleria*, 7(2): 271 (1990)—Australia (Victoria).
 paniculosa
subsp. paralia N.G. Walsh in *Muelleria*, 7(2): 274 (1990)—Australia (Victoria, W. Australia, S. Australia), Tasmania.
 parrisiae N.G. Walsh in *Muelleria*, 7(2): 207 (1990)—Australia (New South Wales).
 virgata N.G. Walsh in *Muelleria*, 6(6): 431 (1988)—Australia (New South Wales).

POMATOCALPA (Orchidac.).

- angustifolia G. Seidenfaden in *Op. Bot.*, 95: 110 (1988)—Thailand.
 linearifolia G. Seidenfaden in *Op. Bot.*, 95: 98 (1988)—Thailand.

PONERA (Orchidac.).

- dressleriana M.A. Soto Arenas in *Orquídea (México)*, 12(1): 118 (1990)—Mexico.

PONERORCHIS (Orchidac.).

- renzii S. Deva & H.B. Naithani, *Orchid Fl. N.W. Himalaya*: 199 (1986)—India.
 taitungensis (Ying) S.S. Ying in *Quart. J. Chinese Forest.*, 21(2): 116 (1988): *Orchis taitungensis*.
var. alboflorens (Ying) S.S. Ying in *Quart. J. Chinese Forest.*, 21(2): 116 (1988): *Orchis taitungensis* var. *alboflorens*.

PONTIEVA (Orchidac.).

- angustipetala E.W. Greenwood in *Orquídea (México)*, 10(1): 9 (1986)—Mexico.
 cuyujana C.H. Dodson & Hirtz in *Ic. Pl. Trop.*, Ser. 2, 6: t. 572 (1989)—Ecuador.
 garayana C.H. Dodson & R. Vásquez Ch. in *Ic. Pl. Trop.*, Ser. 2, 4: t. 365 (1989)—Bolivia.
 schaffneri (Rech. f.) E.W. Greenwood in *Orquídea (México)*, 12(1): 55 (1990): *Cranichis schaffneri*.
 vasquezii C.H. Dodson in *Ic. Pl. Trop.*, Ser. 2, 3: t. 287 (1989)—Bolivia.

POPULUS (Salicac.).

- afghanica
var. cuneata Z. Wang & C.Y. Yang in *Claves Pl. Xinjiang.*, 2: 28 (1982), without latin descr. or type—Xinjiang.
 cana T.Y. Sun in *J. Nanjing Forest. Univ.*, 1986(4): 111 (1986)—China.

POPULUS :-

- guzmanantensis A. Vázquez & R. Cuevas in *Acta Bot. Mex.*, 8: 39 (1989)—Mexico.
- hsinganica
var. trichorachis Z.F. Chen in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(1): 115 (1988)—China.
- intramongolica T.Y. Sun & E.W. Ma in *J. Nanjing Forest. Univ.*, 1986(4): 109 (1986)—China.
- lancifolia N. Chao in *Fl. Sichuanica*, 3: 285 (1985)—China.
- lasiocarpa
var. longiamentata P.Y. Mao & P.X. He in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 79 (1986)—China.
- nigra
var. grandifolia N. Janjić in *Glasn. Zem. Muz. Bosne Herceg. Prir. Nauke*, 23: 270 (1984), as 'comb. nov.'—Jugoslavia.
f. grandifolia N. Janjić in *Glasn. Zem. Muz. Bosne Herceg. Prir. Nauke*, 23: 271 (1984)—Jugoslavia.
var. narentana N. Janjić in *Glasn. Zem. Muz. Bosne Herceg. Prir. Nauke*, 23: 272 (1984), as 'comb. nov.'—Jugoslavia.
f. parvifolia N. Janjić in *Glasn. Zem. Muz. Bosne Herceg. Prir. Nauke*, 23: 272 (1984), as 'comb. nov.'—Jugoslavia.
f. pseudocaudina N. Janjić in *Glasn. Zem. Muz. Bosne Herceg. Prir. Nauke*, 23: 271 (1984)—Jugoslavia.
f. torulosa N. Janjić in *Glasn. Zem. Muz. Bosne Herceg. Prir. Nauke*, 23: 271 (1984), as 'nom. nov.'—Jugoslavia.
- platyphylla
var. flaviflora T.Y. Sun in *J. Nanjing Forest. Univ.*, 1986(4): 114 (1986)—China.
var. glauca T.Y. Sun & Z.F. Chen in *J. Nanjing Forest. Univ.*, 1986(4): 115 (1986)—China.
- pseudoglauca
var. yatungensis (C. Wang & P.Y. Fu) N. Chao in *Bull. Forest Pl. Res.*, 3: 1 (1985); P. yunnanensis var. yatungensis.
- pseudosimoni
var. patula T.Y. Sun in *J. Nanjing Forest. Univ.*, 1986(4): 113 (1986)—China.
- qiongdaoensis T. Hong & P. Luo in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(3): 67 (1987)—Hainan.
- schneideri (Rehd.) N. Chao in *Fl. Sichuanica*, 3: 50 (1985); P. cathayana var. schneideri.
var. tibetica (Schneid.) N. Chao in *Fl. Sichuanica*, 3: 50 (1985); P. szechuanica var. tibetica.
- simoni
var. breviamentata T.Y. Sun in *J. Nanjing Forest. Univ.*, 1986(4): 116 (1986)—China.
var. griseoalba T.Y. Sun in *J. Nanjing Forest. Univ.*, 1986(4): 116 (1986)—China.
var. ovata T.Y. Sun in *J. Nanjing Forest. Univ.*, 1986(4): 115 (1986)—China.
- tomentosa
var. ferruginea Z.Y. Yu & T.Z. Zhang in *Acta Bot. Bor.-Occid. Sin.*, 7(4): 254 (1987)—China.
var. longibracteata Z.Y. Yu & T.Z. Zhang in *Acta Bot. Bor.-Occid. Sin.*, 7(4): 252 (1987)—China.
var. orbiculata Z.Y. Yu & T.Z. Zhang in *Acta Bot. Bor.-Occid. Sin.*, 7(4): 252 (1987)—China.
var. palmatibracteata Z.Y. Yu & T.Z. Zhang in *Acta Bot. Bor.-Occid. Sin.*, 7(4): 256 (1987)—China.
var. stellaribracteata Z.Y. Yu & T.Z. Zhang in *Acta Bot. Bor.-Occid. Sin.*, 7(4): 255 (1987)—China.
f. yixianensis H.M. Jiang & J.X. Huang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(3): 75 (1989)—China.
- tremula
f. flagelliformis N. Karhu in *Mem. Soc. Fauna Flora Fenn.*, 65(1): 7 (1989)—Finland.
f. sallensis L. Hämet-Ahti in *Mem. Soc. Fauna Flora Fenn.*, 65(1): 7 (1989)—Finland.
- trinervis
var. shimianica Z. Wang & N. Chao in *Fl. Sichuanica*, 3: 285 (1985)—China.
wenxianica Z.C. Feng & J.L. Guo in *Acta Bot. Bor.-Occid. Sin.*, 10(2): 132 (1990), with two types cited—China.
- ×wettsteinii L. Hämet-Ahti in *Mem. Soc. Fauna Flora Fenn.*, 65(1): 8 (1989)—Cultivation. (P. tremula × tremuloides).
- wulianensis S.B. Liang & X.W. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 135 (1986)—China.

PORANA (Convolvulac.).

- commixta G.W. Staples in *Nuytsia*, 6(1): 52 (1987)—Australia (W. Australia, Queensland, New South Wales).

PORANDRA (Clemelinac.).

- microphylla Y. Wan in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(4): 153 (1986)—China.

PORFIRIA (Cactac.).

- schwarzii (Fric) Crkal, *Lovec Kaktusu*: 395 (1983); cf. *Repert. Pl. Succ. (I.O.S.)*, 34: 7 (1985); Haagea schwarzii.

POROPHYLLUM (Compos.).

- pygmaeum D.J. Keil & J.D. Morefield in *Syst. Bot.*, 14(4): 583 (1989)—U.S.A. (Nevada).

PORPAX (Orchidac.).

- chandraskharanii P. Bhargavan & C.N. Mohanan in *Curr. Sci.*, 51(20): 990 (1982)—India.

PORPHYRODESME (Orchidac.).

- sarcanthoides (J.J.S.) U.W. Mahyar in *Reinwardtia*, 10(4): 418 (1988); *Renanthera sarcanthoides*.

PORROGLOSSUM (Orchidac.).

- sect. Echidnae (Rchb. f.) C.A. Luer, *Ic. Pleurothallid. IV (Monogr. Syst. Bot. Missouri Bot. Gard.*, 24): 32 (1987); Masdevallia sect. Echidnae.
subgen. Eduardia C.A. Luer, *Ic. Pleurothallid. IV (Monogr. Syst. Bot. Missouri Bot. Gard.*, 24): 32 (1987).
sect. Tortae C.A. Luer, *Ic. Pleurothallid. IV (Monogr. Syst. Bot. Missouri Bot. Gard.*, 24): 33 (1987).
dactylum C.A. Luer, *Ic. Pleurothallid. V (Monogr. Syst. Bot. Missouri Bot. Gard.* 26): 108 (1988)—Ecuador.
dalstroemii C.A. Luer, *Ic. Pleurothallid. IV (Monogr. Syst. Bot. Missouri Bot. Gard.*, 24): 44 (1987)—Ecuador.
hirtzii C.A. Luer, *Ic. Pleurothallid. IV (Monogr. Syst. Bot. Missouri Bot. Gard.*, 24): 50 (1987)—Ecuador.
hystrix C.A. Luer, *Ic. Pleurothallid. V (Monogr. Syst. Bot. Missouri Bot. Gard.* 26): 110 (1988)—Ecuador.
jesupiae C.A. Luer, *Ic. Pleurothallid. VI (Monogr. Syst. Bot. Missouri Bot. Gard.* 31): 124 (1989)—Ecuador.
nutibara C.A. Luer & Escobar *Ic. Pleurothallid. IV (Monogr. Syst. Bot. Missouri Bot. Gard.*, 24): 66 (1987)—Colombia.

PORTERANDIA (Rubiace.).

- crobyli (Burkill) A.C. Smith & S.P. Darwin in *Fl. Vitiensis Nova*, 4: 190 (1988); *Randia crobyli*.
tenuiflora (A.C. Sm.) A.C. Smith & S.P. Darwin in *Fl. Vitiensis Nova*, 4: 192 (1988); *Randia tenuiflora*.

PORTULACA (Portulacac.).

- carrissoana (Exell & Mend.) B.L. Nyananyo in *Taxon*, 35(3): 592 (1986); *Sedopsis carrissoana*.
insignis J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 75(3): 1058 (1988)—Venezuela.
pygmaea J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 75(3): 1058 (1988)—Venezuela.

POTAMOGETON (Potamogetonac.).

- austrosibiricus L.I. Kashina in *I.M. Krasnoborov & T.A. Safonova (eds.)*, *Novoe Fl. Sibiri*: 243 (1986), as 'austro-sibiricus'—U.S.S.R. (Siberia).
fontigenus Y.H. Guo, H.Q. Wang & X.Z. Sun in *Acta Bot. Bor.-Occid. Sin.*, 5(4): 301 (1985)—China.
×haynesii C.B. Hellquist & G.E. Crow in *Brittonia*, 38(4): 415 (1986)—U.S.A. (Michigan, Minnesota, Vermont), Canada (Ontario). (P. strictifolius × zosteriformis).
hubeiensis W.X. Wang, X.Z. Sun & H.Q. Wang in *Acta Phytotax. Sin.*, 26(2): 160 (1988)—China.
intortusifolius J.B. He, L.Y. Zhou & H.Q. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 125 (1988)—China.
×kyushuensis Y. Kadono & G. Wiegleb in *J. Jap. Bot.*, 62(3): 76 (1987)—Japan. (P. maackianus × oxyphyllus).
×lanceolatifolius (Tiselius) C.D. Preston in *Watsonia*, 16(4): 437 (1987); P. gramineus f. lanceolatifolius.

POTAMOGETON :-

- octandrus
var. asiaticus (A. Benn.) N.N. Tsvelev in *Sosud. Rast. Sovet. Dal'negu Vostoka*, 2: 323 (1987); P. asiaticus.
var. limosellifolius (Maxim. ex Korsh.) N.N. Tsvelev in *Sosud. Rast. Sovet. Dal'negu Vostoka*, 2: 323 (1987); P. limosellifolius.
pectinatus
subsp. chakassiensis L.I. Kashina in *I.M. Krasnoborov & T.A. Safonova (eds.)*, *Novoe Fl. Sibiri*: 245 (1986)—U.S.S.R. (Siberia).
punense A. Galán-Mera in *Phytologia*, 64(6): 495 (1988)—Peru.
xinganensis Y.Q. Ma in *Acta Sci. Nat. Univ. Intramongolicae*, 20(2): 281 (1989)—China.
×yamagataensis Y. Kadono & G. Wiegleb in *J. Jap. Bot.*, 62(3): 73 (1987)—Japan.

POTENTILLA (Rosac.).

- ser. Alchemilloides J. Soják in *Candollea*, 42(2): 496 (1987).
sect. Ancistrifoliae J. Soják in *Candollea*, 42(2): 495 (1987).
ser. Articulatae J. Soják in *Candollea*, 42(2): 495 (1987).
ser. Asperrimae V.A. Chevtaeva in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 1(90): 16 (1983).
sect. Bhutanicae J. Soják in *Candollea*, 42(2): 495 (1987).
ser. Biflorae (Wolf) J. Soják in *Candollea*, 42(2): 495 (1987); P. grex Biflorae.
ser. Bungeanae V.A. Chevtaeva in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 1(90): 17 (1983).
ser. Caulescentes (Wolf) J. Soják in *Candollea*, 42(2): 496 (1987); P. grex Caulescentes.
ser. Clusianae J. Soják in *Candollea*, 42(2): 496 (1987).
subgen. Dasiphora (Rafin.) G. Panigrahi & B.K. Dikshit in *Bull. Bot. Surv. India*, 27(1-4): 179 (1985 publ. 1987); gen. Dasiphora.
ser. Desertae V.A. Chevtaeva in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 3(84): 22 (1981).
sect. Desertae (Czev.) V.A. Chevtaeva in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 1(90): 17 (1983), without basionym ref.: basionym not stated.
sect. Duchesneae (J.E. Smith) B.K. Dikshit & G. Panigrahi in *Bull. Bot. Surv. India*, 27(1-4): 181 (1985 publ. 1987); gen. Duchesneae.
ser. Eriocarpace (Wolf) J. Soják in *Candollea*, 42(2): 494 (1987); P. grex Eriocarpace.
sect. Farinopsis (Chrtk & Soják) J. Soják in *Candollea*, 42(2): 494 (1987); gen. Farinopsis.
sect. Graciles (Wolf) J. Soják in *Cas. Nár. Mus. (Prague)*, 152(1): 21 (1983); P. grex Graciles.
ser. Grammopetalae J. Soják in *Candollea*, 42(2): 496 (1987).
ser. Heterosepalae V.A. Chevtaeva in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 1(90): 16 (1983).
ser. Intermediae V.A. Chevtaeva in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 1(90): 16 (1983).
sect. Lipskyanae V.A. Chevtaeva in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 3(84): 23 (1981).
sect. Micranthae J. Soják in *Candollea*, 42(2): 495 (1987).
ser. Nevadensis V.A. Chevtaeva in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 1(90): 18 (1983).
ser. Norvegicae V.A. Chevtaeva in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 1(90): 16 (1983).
ser. Pentandrae V.A. Chevtaeva in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 1(90): 16 (1983).
ser. Persicae V.A. Chevtaeva in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 1(90): 18 (1983).
ser. Rivales V.A. Chevtaeva in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 1(90): 15 (1983).
sect. Tridentatae (Wolf) J. Soják in *Cas. Nár. Mus. (Prague)*, 152(1): 21 (1983); P. grex Tridentatae.
sect. Umbellatae J. Soják in *Candollea*, 42(2): 495 (1987).
agrimonioides
var. capitata J. Soják in *Preslia*, 59(4): 302 (1987)—U.S.S.R. (Middle Asia).
subsp. hispanica (Zimm.) J. Soják in *Cas. Nár. Mus. (Prague)*, 154(2): 74 (1985 publ. 1988); P. hispanica.
var. intercedens J. Soják in *Preslia*, 59(4): 302 (1987)—U.S.S.R. (Middle Asia).

POTENTILLA :-

- var. *kobdoensis* *J. Soják in Preslia*, 59(4): 302 (1987)—Mongolia.
- var. *malacotricha* (*Juz.*) *J. Soják in Preslia*, 59(4): 302 (1987): P. *malacotricha*.
- var. *micans* *J. Soják in Preslia*, 59(4): 302 (1987)—U.S.S.R. (Siberia).
- subsp. *oreodoxa* (*Soják*) *J. Soják in Čas. Nár. Muz. (Prague)*, 154(2): 74 (1985 publ. 1988): P. *oreodoxa*.
- var. *strigosella* *J. Soják in Preslia*, 59(4): 302 (1987)—U.S.S.R. (Caucasus).
- angelliae* *N.H. Holmgren in Brittonia*, 39(3): 342 (1987)—U.S.A. (Utah).
- anglica*
- subsp. *nesogenes* (*Briq.*) *Gamisans ex M. Kerguelen in Lejeunia*, 120: 145 (1987): P. *procumbens* subsp. *nesogenes*.
- aphanes* *J. Soják in Willdenowia*, 16(1): 131 (1986)—Mongolia, Xinjiang, China.
- aristata* *J. Soják in Candollea*, 43(1): 159 (1988)—Bhutan, Nepal, Sikkim, Xizang.
- bifurca*
- var. *misera* *J. Soják in Candollea*, 43(2): 451 (1988)—Xizang.
- blanda* *J. Soják in Čas. Nár. Muz. (Prague)*, 151(4): 206 (1982 publ. 1983)—U.S.S.R. (Middle Asia).
- var. *homotricha* *J. Soják in Bot. Jahrb.*, 106(2): 208 (1986)—U.S.S.R. (Middle Asia).
- brassii*
- var. *simplex* *C. Kalkman in Blumea*, 34(1): 151 (1989)—New Guinea (W. Irian).
- var. *strigosa* *C. Kalkman in Blumea*, 34(1): 151 (1989)—New Guinea (W. Irian).
- ×*burjatica* *J. Soják in Bot. Jahrb.*, 106(2): 176 (1986)—U.S.S.R. (Siberia). (P. *arenosa* × *tergeminata*).
- var. *bigemina* *J. Soják in Bot. Jahrb.*, 106(2): 207 (1986)—U.S.S.R. (Siberia).
- var. *laeta* *J. Soják in Bot. Jahrb.*, 106(2): 206 (1986)—U.S.S.R. (Siberia).
- burmanica* *J. Soják in Čas. Nár. Muz. (Prague)*, 152(3): 160 (1983)—Burma.
- ×*chamaeleo* *J. Soják in Bot. Jahrb.*, 106(2): 184 (1986)—Mongolia. (P. *crebriidens* × *pamirica*).
- var. *byssina* *J. Soják in Bot. Jahrb.*, 106(2): 207 (1986)—Mongolia.
- var. *pamiricoides* *J. Soják in Bot. Jahrb.*, 106(2): 208 (1986)—Mongolia.
- var. *quinata* *J. Soják in Bot. Jahrb.*, 106(2): 207 (1986)—Mongolia.
- var. *tythantha* *J. Soják in Bot. Jahrb.*, 106(2): 207 (1986)—Mongolia.
- ×*chionea*
- var. *chadchalia* *J. Soják in Bot. Jahrb.*, 106(2): 206 (1986)—Mongolia.
- var. *congesta* *J. Soják in Bot. Jahrb.*, 106(2): 206 (1986)—Mongolia.
- var. *malyschevii* (*Peschk.*) *J. Soják in Bot. Jahrb.*, 106(2): 209 (1986): P. *malyschevii*.
- var. *sericeoides* *J. Soják in Bot. Jahrb.*, 106(2): 206 (1986)—Mongolia.
- conferta*
- var. *laxiuscula* *J. Soják in Preslia*, 59(4): 303 (1987)—U.S.S.R. (Middle Asia).
- contigua* *J. Soják in Candollea*, 43(1): 160 (1988)—Bhutan, Nepal.
- cottamii* *N.H. Holmgren in Brittonia*, 39(3): 340 (1987)—U.S.A. (Nevada, Utah).
- crantzii*
- subsp. *gelida* (*C.A. Mey.*) *J. Soják in Čas. Nár. Muz. (Prague)*, 154(2): 74 (1985 publ. 1988): P. *gelida*.
- cristae* *W.J. Ferlatte & J.L. Strother in Madroño*, 37(3): 190 (1990)—U.S.A. (California).
- doubjonneana*
- subsp. *ossetica* *J. Soják in Candollea*, 43(2): 452 (1988)—U.S.S.R. (Caucasus).
- drosocalyx* *J. Soják in Bot. Jahrb.*, 109(1): 33 (1987)—China, Xizang.
- exuta* *J. Soják in Willdenowia*, 16(1): 127 (1986)—Mongolia, U.S.S.R. (Middle Asia).
- ferganensis* *J. Soják in Bot. Jahrb.*, 109(1): 35 (1987)—U.S.S.R. (Middle Asia).
- festiva* *J. Soják in Candollea*, 43(1): 166 (1988)—Nepal, Xizang, China.
- flavida* *J. Soják in Čas. Nár. Muz. (Prague)*, 151(3): 149 (1982)—India.

POTENTILLA :-

- gelida*
- subsp. *borissii* (*Ovcz. & Kocz.*) *J. Soják in Candollea*, 43(2): 453 (1988): P. *borissii*.
- geoides*
- subsp. *halacsyana* (*Degen*) *A. Strid in A. Strid (ed.), Mount. Fl. Greece*, 1: 407 (1986): P. *halacsyana*.
- subsp. *longisepala* *A. Strid in A. Strid (ed.), Mount. Fl. Greece*, 1: 408 (1986)—Greece.
- subsp. *regis-borisii* (*Stoj.*) *A. Strid in A. Strid (ed.), Mount. Fl. Greece*, 1: 408 (1986): P. *regis-borisii*.
- geranioides*
- subsp. *syriaca* (*Boiss.*) *J. Soják in Čas. Nár. Muz. (Prague)*, 154(2): 74 (1985 publ. 1988): P. *geranioides* β. *syriaca*.
- ghazniensis* *J. Soják in Bot. Jahrb.*, 109(1): 42 (1987)—Afghanistan.
- glabriuscula* (*Yü & Li*) *J. Soják in Candollea*, 43(2): 453 (1988): *Sibaldia glabriuscula*.
- gorokana* *C. Kalkman in Blumea*, 34(1): 155 (1989)—New Guinea (Papua New Guinea).
- griffithii*
- subsp. *beauvaisii* (*Cardot*) *J. Soják in Candollea*, 43(2): 453 (1988): P. *beauvaisii*.
- var. *decurrens* *J. Soják in Candollea*, 43(2): 452 (1988)—Assam.
- var. *intercedens* *J. Soják in Candollea*, 43(2): 452 (1988)—Bhutan.
- var. *metallica* *J. Soják in Candollea*, 43(2): 452 (1988)—Nepal.
- var. *reticulata* (*Franchet*) *J. Soják in Candollea*, 43(2): 453 (1988): P. *leschenaultiana* var. *reticulata*.
- subsp. *yunnanensis* *J. Soják in Candollea*, 43(2): 452 (1988)—China.
- var. *yunnanensis* *J. Soják in Candollea*, 43(2): 452 (1988)—China.
- hilbigii* *J. Soják in Willdenowia*, 16(1): 135 (1986)—Mongolia.
- illudens* *J. Soják in Candollea*, 43(1): 168 (1988)—Nepal, Bhutan, Xizang.
- indivisa* *C. Kalkman in Blumea*, 34(1): 155 (1989)—New Guinea (W. Irian).
- inopinata* *J. Soják in Willdenowia*, 16(1): 130 (1986)—Mongolia.
- ×*insularis* *J. Soják in Bot. Jahrb.*, 106(2): 203 (1986)—Svalbard, Greenland. (P. *chamissonis* × *lyngei*).
- irianensis* *C. Kalkman in Blumea*, 34(1): 156 (1989)—New Guinea (W. Irian).
- jacquemontii* (*Franchet*) *J. Soják in Bot. Jahrb.*, 106(2): 191 (1986): P. *saundersiana* var. *jacquemontii*.
- jezoensis* *J. Soják in Candollea*, 44(2): 752 (1989)—Japan.
- kansuensis* *J. Soják in Bot. Jahrb.*, 109(1): 34 (1987)—China.
- laevipes* *J. Soják in Willdenowia*, 16(1): 125 (1986)—Mongolia.
- ×*lenae* *J. Soják in Bot. Jahrb.*, 106(2): 179 (1986)—U.S.S.R. (Siberia). (P. *arenosa* × *conferta*).
- lineata* *Trev., Ind. Sem. Vratslav.*, 1822; cf. *D.J. Mabberley in Taxon*, 33(3): 443 (1984)—Locality not stated.
- macropoda* *J. Soják in Bot. Jahrb.*, 109(1): 43 (1987)—U.S.S.R. (Middle Asia).
- manginii* *C. Kalkman in Blumea*, 34(1): 158 (1989)—New Guinea (W. Irian).
- matsuokana*
- subsp. *crebriidens* (*Juz.*) *J. Soják in Candollea*, 44(2): 752 (1989): P. *crebriidens*.
- subsp. *hemicyphila* (*Furtz.*) *J. Soják in Candollea*, 44(2): 752 (1989): P. *crebriidens* subsp. *hemicyphila*.
- monanthes*
- var. *alata* *J. Soják in Candollea*, 43(2): 453 (1988)—Nepal.
- var. *violacea* *J. Soják in Candollea*, 43(2): 452 (1988)—Bhutan.
- multifida*
- subsp. *bimundorum* (*Soják*) *J. Soják in Čas. Nár. Muz. (Prague)*, 154(2): 74 (1985 publ. 1988): P. *bimundorum*.
- nanshanica* *J. Soják in Bot. Jahrb.*, 109(1): 28 (1987)—China.
- neumanniana*
- var. *campestris* (*Wallr.*) *O. de Bolòs & J. Vigo, Fl. Paisos Catalans*: 392 (1984): P. *verna* var. *campestris*.

POTENTILLA :-

- var. *hirsuta* (*DC.*) *O. de Bolòs & J. Vigo, Fl. Paisos Catalans*: 393 (1984): P. *verna* var. *hirsuta*.
- nivea*
- var. *nipharga* (*Rydb.*) *J. Soják in Candollea*, 44(2): 751 (1989): P. *nipharga*.
- oligandra* *J. Soják in Čas. Nár. Muz. (Prague)*, 152(3): 160 (1983)—Xizang.
- omissa* *J. Soják in Bot. Jahrb.*, 109(1): 39 (1987)—U.S.S.R. (Siberia, Soviet Far East, Middle Asia).
- oxydonta* *J. Soják in Candollea*, 43(1): 162 (1988)—Xizang.
- pamiroalaica*
- var. *quasisericea* *J. Soják in Bot. Jahrb.*, 109(1): 32 (1987)—India.
- panigrahiana* *B.K. Dikshit in Bull. Bot. Surv. India*, 27(1-4): 107 (1985 publ. 1987)—India, Sikkim, Nepal, Bhutan, Xizang.
- pedata* *Willd. ex Hornem., Hort. Hafn.*: 477 (1815); cf. *D.J. Mabberley in Taxon*, 33(3): 437 (1984)—Locality not stated.
- penniphylla* *J. Soják in Bot. Jahrb.*, 109(1): 38 (1987)—U.S.S.R. (Middle Asia).
- pensylvanica*
- var. *brevipila* *J. Soják in Preslia*, 59(4): 301 (1987)—Canada (Yukon).
- subsp. *oreodoxa* (*Soják*) *O. de Bolòs & J. Vigo, Fl. Paisos Catalans*: 380 (1984): P. *oreodoxa*.
- petrovskiyi* *J. Soják in Čas. Nár. Muz. (Prague)*, 153(2): 102 (1984)—U.S.S.R. (Soviet Far East).
- prostrata*
- subsp. *chamissonis* (*Hult.*) *J. Soják in Candollea*, 44(2): 751 (1989): P. *chamissonis*.
- subsp. *cisaspica* *J. Soják in Candollea*, 44(2): 752 (1989)—U.S.S.R. (Caucasus).
- subsp. *floccosa* *J. Soják in Candollea*, 44(2): 751 (1989)—France.
- pseudosimulatrix* *W.B. Liao, S.F. Li & Z.Y. Yu in Bull. Bot. Res. North-East. Forest. Inst.*, 10(4): 21 (1990)—China.
- pulchella* *R. Br., Chloris melv.*: 19 (1823); cf. *D.J. Mabberley in Taxon*, 30(1): 17 (1981)—Locality not stated.
- subsp. *gracilicaulis* (*A.E. Porsild*) *B.A. Yurtsev in Byull. Mosk. Obsch. Ispyt. Prir., Biol.*, 94(3): 86 (1989): P. *pulchella* var. *gracilicaulis*.
- pulvinaris*
- subsp. *argenteus* *P. Hartvig & A. Strid in Bot. Jahrb.*, 108(2-3): 335 (1987)—Turkey.
- ×*rhipidophylla* *J. Soják in Bot. Jahrb.*, 106(2): 196 (1986)—Mongolia. (P. *crebriidens* × *multifida*).
- ×*rubricaulis*
- var. *furcata* (*Pors.*) *J. Soják in Bot. Jahrb.*, 106(2): 209 (1986): P. *furcata*.
- ×*safronoviae* *B.A. Yurtsev & Soják in Bot. Zhurn.*, 73(11): 1615 (1988)—U.S.S.R. (Siberia, Soviet Far East), Svalbard. (P. *hyparctica* × *pulchella*).
- salwinensis* *J. Soják in Čas. Nár. Muz. (Prague)*, 152(3): 160 (1983)—China.
- saundersiana*
- var. *segmentata* (*Soják*) *J. Soják in Bot. Jahrb.*, 106(2): 209 (1986): P. *forrestii* var. *segmentata*.
- schiraziana* *M. Khatamsaz in Iranian J. Bot.*, 3(2): 93 (1987)—Iran.
- serrata* *J. Soják in Willdenowia*, 16(1): 133 (1986)—Mongolia.
- ×*subquinata*
- var. *niveoides* *J. Soják in Bot. Jahrb.*, 106(2): 208 (1986)—Greenland.
- sundaica* (*Miq.*) *W. Theobald in F. Mason, Burmah*, ed. 3, 2: 490 (1883); cf. *D.J. Mabberley in Taxon*, 34(1): 155 (1985): *Duchesnea sundaica*.
- supina*
- subsp. *arabica* *J. Soják in Preslia*, 59(3): 272 (1987)—Iraq.
- subsp. *costata* *J. Soják in Preslia*, 59(3): 272 (1987)—U.S.S.R. (Siberia).
- taiwanensis* *S.S. Ying, Coloured Illustr. Fl. Taiwan*, 1: 400 (1985)—Taiwan.
- tapetodes* *J. Soják in Čas. Nár. Muz. (Prague)*, 152(3): 160 (1983)—Bhutan.
- ×*thomsonii*
- var. *caliginoides* *J. Soják in Bot. Jahrb.*, 106(2): 208 (1986)—Xizang.
- var. *tibetica* (*Ostenf.*) *J. Soják in Bot. Jahrb.*, 106(2): 209 (1986): P. *hololeuca* var. *tibetica*.
- var. *trijuga* *J. Soják in Bot. Jahrb.*, 106(2): 208 (1986)—India.

POTENTILLA :-

- tschimganica *J. Soják in Bot. Jahrb.*, 109(1): 45 (1987)—U.S.S.R. (Middle Asia).
 turczaninowiana
 subsp. kuramensis (*Wolf*) *J. Soják in Candollea*, 43(2): 453 (1988); *P. kuramensis*.
 subsp. nephogena *J. Soják in Candollea*, 43(2): 452 (1988)—U.S.S.R. (Middle Asia).
 turkestanica *J. Soják in Bot. Jahrb.*, 109(1): 26 (1987)—Xinjiang, Mongolia.
 uschakovii *B.A. Yurtsev in Bot. Zhurn.*, 73(11): 1613 (1988)—U.S.S.R. (Soviet Far East).
 venusta *J. Soják in Candollea*, 43(1): 171 (1988)—India.
 vilijuga *J. Soják in Bot. Jahrb.*, 109(1): 30 (1987)—India.
 vittata *J. Soják in Candollea*, 43(1): 164 (1988)—Xizang.
 var. pluriflora *J. Soják in Candollea*, 43(1): 166 (1988)—Xizang.
 williamsii *J. Soják in Bot. Jahrb.*, 109(1): 25 (1987)—Nepal.

POTHOS (Arac.).

- crassipedunculatus *M. Sivadasan & N. Mohanan in Pl. Syst. Evol.*, 168(3-4): 221 (1989)—India.
 parvispaxid *D.H. Nicolson in M.D. Dassanayake & F.R. Fosberg, eds., Revised Handb. Fl. Ceylon*, 6: 26 (1988)—Sri Lanka.
 umbraculifera *De Vriese, Hort. Spaarn-Berg*: 41 (1839); cf. *D.J. Mabberley in Taxon*, 33(3): 443 (1984)—Locality not stated.

POTHUAVA (Bromeliac.).

- aciculosa (*Mez & Sodiro*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 75 (1989); *Aechmea aciculosa*.
 allenii (*L.B. Smith*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 75 (1989); *Aechmea allenii*.
 alopecurus (*Mez*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 75 (1989); *Aechmea alopecurus*.
 bocainensis (*E. Pereira & Leme*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 75 (1989); *Aechmea bocainensis*.
 drakeana (*André*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 75 (1989); *Aechmea drakeana*.
 fraseri (*Baker*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 75 (1989); *Aechmea fraseri*.
 guaraparaensis (*E. Pereira & Leme*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 75 (1989); *Aechmea guaraparaensis*.
 involucreta (*André*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 75 (1989); *Aechmea involucreta*.
 kleinii (*Reitz*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 75 (1989); *Aechmea kleinii*.
 mariae-reginae (*H. Wendland*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 76 (1989); *Aechmea mariae-reginae*.
 nudicaulis
 var. aequalis (*L.B. Smith & Reitz*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 76 (1989); *Aechmea nudicaulis* var. *aequalis*.
 var. aureo-rosea (*Antoine*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 76 (1989); *Hoplophytum aureo-roseum*.
 var. cuspidata (*Baker*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 76 (1989); *Aechmea nudicaulis* var. *cuspidata*.
 var. flavomarginata (*E. Pereira*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 76 (1989); *Aechmea nudicaulis* var. *flavo-marginata*.
 var. simulans (*E. Pereira*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 76 (1989); *Aechmea nudicaulis* var. *simulans*.
 var. tabuleirensis (*Reitz*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 76 (1989); *Aechmea nudicaulis* var. *tabuleirensis*.
 ornata (*Baker*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 76 (1989); *Aechmea ornata*.
 var. hoehneana (*L.B. Smith*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 76 (1989); *Aechmea ornata* var. *hoehneana*.
 var. nationalis (*Reitz*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 76 (1989); *Aechmea ornata* var. *nationalis*.
 pectinata (*Baker*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 76 (1989); *Aechmea pectinata*.

POTHUAVA :-

- pineliana (*Brongniart ex Planchon*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 76 (1989); *Echinostachys pineliana*.
 var. minuta (*M.B. Foster*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 76 (1989); *Aechmea pineliana* var. *minuta*.
 roberto-anselmii (*E. Pereira & Leme*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 76 (1989); *Aechmea roberto-anselmii*.
 squarrosa (*Baker*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 76 (1989); *Aechmea squarrosa*.
 subpetiolata (*L.B. Smith*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 76 (1989); *Aechmea subpetiolata*.
 tonduzii (*Mez & Pittier ex Mez*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 76 (1989); *Aechmea tonduzii*.
 triticina (*Mez*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 77 (1989); *Aechmea triticina*.
 var. capensis (*L.B. Smith*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 77 (1989); *Aechmea triticina* var. *capensis*.
 vanhouteana (*Van Houte*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 77 (1989); *Echinostachys vanhouteana*.
 weberbaueri (*Harms*) *L.B. Smith & W.J. Kress in Phytologia*, 66(1): 77 (1989); *Aechmea weberbaueri*.

POUROUMA (Cecropiac.).

- bicolor
 subsp. chochoana (*Standley*) *C.C. Berg & E.C.H. van Heusden in Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(2): 106 (1988); *P. chochoana*.
 subsp. digitata (*Trécul*) *C.C. Berg & E.C.H. van Heusden in Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(2): 106 (1988); *P. digitata*.
 subsp. scobina (*Benoist*) *C.C. Berg & E.C.H. van Heusden in Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(2): 106 (1988); *P. scobina*.
 subsp. tessmannii (*Mildbraed*) *C.C. Berg & E.C.H. van Heusden in Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(2): 106 (1988); *P. tessmannii*.
 guianensis
 subsp. venezuelensis (*Cuatrecasas*) *C.C. Berg & E.C.H. van Heusden in Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(2): 106 (1988); *P. venezuelensis*.
 herrerenensis *C.C. Berg in Candollea*, 44(2): 513 (1989)—Peru.
 hirsutipetiolata
 subsp. hispida (*Standley & Cuatrecasas*) *C.C. Berg & E.C.H. van Heusden in Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(2): 108 (1988); *P. hispida*.
 melinonii
 subsp. glabrata *C.C. Berg & E.C.H. van Heusden in Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(2): 108 (1988)—Panama, Colombia.
 mollis
 subsp. triloba (*Trécul*) *C.C. Berg & E.C.H. van Heusden in Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(2): 107 (1988); *P. triloba*.
 napoensis *C.C. Berg in Brittonia*, 42(1): 63 (1990)—Ecuador.
 tomentosa
 subsp. apiculata (*Benoist*) *C.C. Berg & E.C.H. van Heusden in Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(2): 108 (1988); *P. apiculata*.
 subsp. essequiensis (*Standley*) *C.C. Berg & E.C.H. van Heusden in Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(2): 109 (1988); *P. essequiensis*.
 subsp. maroniensis (*Benoist*) *C.C. Berg & E.C.H. van Heusden in Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(2): 109 (1988); *P. maroniensis*.
 subsp. persecta *Standley ex C.C. Berg & E.C.H. van Heusden in Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(2): 108 (1988)—Bolivia, Ecuador, Peru, Brazil.

POUTERIA (Sapotac.).

- sect. *Aneulucuma* (*Radlkofer*) *T.D. Pennington in Fl. Neotrop.*, 52: 492 (1990); *Vitellaria* sect. *Aneulucuma*.
 sect. *Gayella* (*Pierre*) *T.D. Pennington in Fl. Neotrop.*, 52: 519 (1990); gen. *Gayella*.

POUTERIA :-

- amapaensis *Pires & T.D. Pennington in Fl. Neotrop.*, 52: 437 (1990)—Brazil.
 ambelaniifolia (*Sandwith*) *T.D. Pennington in Fl. Neotrop.*, 52: 362 (1990); *Chrysophyllum ambelaniifolium*.
 amygdalica (*Pittier*) *T.D. Pennington in Fl. Neotrop.*, 52: 255 (1990); *Sideroxylon amygdalica*.
 andarahiensis *T.D. Pennington in Fl. Neotrop.*, 52: 269 (1990)—Brazil.
 anomala (*Pires*) *T.D. Pennington in Fl. Neotrop.*, 52: 344 (1990); *Chrysophyllum anomalum*.
 anteridata *T.D. Pennington in Fl. Neotrop.*, 52: 322 (1990)—Venezuela.
 arcuata *T.D. Pennington in Fl. Neotrop.*, 52: 371 (1990), nom. nov.; *Syzygiopsis sericea* *Cronquist*.
 atabapoensis (*Aubréville*) *T.D. Pennington in Fl. Neotrop.*, 52: 304 (1990); *Franchetella atabapoensis*.
 bangii (*Rusby*) *T.D. Pennington in Fl. Neotrop.*, 52: 288 (1990); *Sideroxylon bangii*.
 bapeba *T.D. Pennington in Fl. Neotrop.*, 52: 328 (1990)—Brazil.
 benai (*Aubréville & Pellegrin*) *T.D. Pennington in Fl. Neotrop.*, 52: 274 (1990); *Podoloma benai*.
 brachyandra (*Aubréville & Pellegrin*) *T.D. Pennington in Fl. Neotrop.*, 52: 404 (1990); *Radlkoferella brachyandra*.
 bracteata *T.D. Pennington in Fl. Neotrop.*, 52: 260 (1990)—Colombia.
 brevipetiolata *T.D. Pennington in Fl. Neotrop.*, 52: 468 (1990)—Ecuador.
 butyrocarpa (*Kuhlmann*) *T.D. Pennington in Fl. Neotrop.*, 52: 501 (1990); *Lucuma butyrocarpa*.
 canaimaensis *T.D. Pennington in Fl. Neotrop.*, 52: 530 (1990)—Venezuela.
 chochoensis (*Aubréville*) *T.D. Pennington in Fl. Neotrop.*, 52: 389 (1990); *Richardella chochoensis*.
 cicatricata *T.D. Pennington in Fl. Neotrop.*, 52: 431 (1990)—Brazil.
 collina (*Little*) *T.D. Pennington in Fl. Neotrop.*, 52: 277 (1990); *Chrysophyllum collinum*.
 crassiflora *Pires & T.D. Pennington in Fl. Neotrop.*, 52: 329 (1990)—Brazil.
 cuspidata
 subsp. dura (*Eyma*) *T.D. Pennington in Fl. Neotrop.*, 52: 352 (1990); *P. dura*.
 subsp. robusta (*Martius & Eichler*) *T.D. Pennington in Fl. Neotrop.*, 52: 351 (1990); *Sideroxylon robustum*.
 decorticans *T.D. Pennington in Fl. Neotrop.*, 52: 489 (1990)—Brazil, French Guiana, Venezuela.
 deliciosa *T.D. Pennington in Fl. Neotrop.*, 52: 446 (1990)—Colombia, French Guiana, Peru.
 dominicensis
 subsp. cuprea (*Urban & Ekman*) *T.D. Pennington in Fl. Neotrop.*, 52: 408 (1990); *Lucuma cuprea*.
 durlandii
 subsp. pubicarpa *T.D. Pennington in Fl. Neotrop.*, 52: 325 (1990)—Venezuela, Peru.
 ephedrantha (*A.C. Smith*) *T.D. Pennington in Fl. Neotrop.*, 52: 508 (1990); *Lucuma ephedrantha*.
 exfoliata *T.D. Pennington in Fl. Neotrop.*, 52: 516 (1990), nom. nov.; *Dipholis parvifolia* *Standley*.
 exstaminodia *Pires & T.D. Pennington in Fl. Neotrop.*, 52: 388 (1990)—Brazil.
 filiformis *T.D. Pennington in Fl. Neotrop.*, 52: 267 (1990)—Costa Rica.
 foveolata *T.D. Pennington in Fl. Neotrop.*, 52: 510 (1990)—Costa Rica, Nicaragua.
 fulva *T.D. Pennington in Fl. Neotrop.*, 52: 313 (1990)—Brazil.
 furcata *T.D. Pennington in Fl. Neotrop.*, 52: 440 (1990)—Brazil.
 gabrielensis (*Gilly ex Aubréville*) *T.D. Pennington in Fl. Neotrop.*, 52: 354 (1990); *Neoxythece gabrielensis*.
 glauca *T.D. Pennington in Fl. Neotrop.*, 52: 263 (1990)—Peru.
 glomerata
 subsp. stylosa (*Pierre*) *T.D. Pennington in Fl. Neotrop.*, 52: 420 (1990); *Guaecba stylosa*.
 gracilis *T.D. Pennington in Fl. Neotrop.*, 52: 265 (1990)—Peru.
 jariensis *Pires & T.D. Pennington in Fl. Neotrop.*, 52: 331 (1990)—Brazil, French Guiana.
 kaieteurensis *T.D. Pennington in Fl. Neotrop.*, 52: 358 (1990)—Guyana.

POUTERIA :-

- latianthera *T.D. Pennington in Fl. Neotrop.*, 52: 371 (1990)—Brazil.
- longifolia (*Martius & Eichler*) *T.D. Pennington in Fl. Neotrop.*, 52: 526 (1990): Chrysophyllum longifolium.
- lucumifolia (*Reissik ex Maximowicz*) *T.D. Pennington in Fl. Neotrop.*, 52: 282 (1990): Ilex lucumifolia.
- macahensis *T.D. Pennington in Fl. Neotrop.*, 52: 321 (1990)—Brazil.
- maguirei (*Aubréville*) *T.D. Pennington in Fl. Neotrop.*, 52: 448 (1990): Prieurella maguirei.
- manaosensis (*Aubréville & Pellegrin*) *T.D. Pennington in Fl. Neotrop.*, 52: 377 (1990): Richardella manaosensis.
- microstrigosa *T.D. Pennington in Fl. Neotrop.*, 52: 278 (1990)—Brazil.
- minima *T.D. Pennington in Fl. Neotrop.*, 52: 285 (1990)—Brazil.
- myrsinoides
subsp. reticulata (*Baillon*) *P.S. Green in Kew Bull.*, 45(2): 251 (1990): Sideroxylon reticulatum.
- nudipetala *T.D. Pennington in Fl. Neotrop.*, 52: 262 (1990)—Brazil, Peru.
- opposita (*Ducke*) *T.D. Pennington in Fl. Neotrop.*, 52: 361 (1990): Glycoxyllum ? oppositum.
- orinocoensis (*Aubréville*) *T.D. Pennington in Fl. Neotrop.*, 52: 254 (1990): Paralabatia orinocoensis.
- oxypetala *T.D. Pennington in Fl. Neotrop.*, 52: 411 (1990)—Brazil.
- pachycalyx *T.D. Pennington in Fl. Neotrop.*, 52: 409 (1990)—Brazil.
- pachyphylla *T.D. Pennington in Fl. Neotrop.*, 52: 303 (1990)—Brazil.
- pallens *T.D. Pennington in Fl. Neotrop.*, 52: 335 (1990)—Brazil.
- petiolata *T.D. Pennington in Fl. Neotrop.*, 52: 433 (1990)—Brazil.
- pimichinensis *T.D. Pennington in Fl. Neotrop.*, 52: 359 (1990), nom. nov.: Neoxythece maguirei *Aubréville*.
- plicata *T.D. Pennington in Fl. Neotrop.*, 52: 456 (1990)—Venezuela, Peru, Brazil, Bolivia.
- polysepala *T.D. Pennington in Fl. Neotrop.*, 52: 500 (1990), nom. nov.: Calocarpum odoratum *Ducke*.
- procera (*Mart.*) *K. Hammer in R. Mansfeld, Verz. Landwirtsch. u. Gartn. Kulturpfl., Auf. 2, ed. J. Schulze-Motel*, 2: 1046 (1986): Lucuma procera.
- procera (*Martius*) *T.D. Pennington in Fl. Neotrop.*, 52: 504 (1990), isonym: Lucuma procera.
- puberula *T.D. Pennington in Fl. Neotrop.*, 52: 291 (1990)—Venezuela.
- pubescens (*Aubréville & Pellegrin*) *T.D. Pennington in Fl. Neotrop.*, 52: 292 (1990): Franchetella pubescens.
- putamen-ovi *T.D. Pennington in Fl. Neotrop.*, 52: 270 (1990)—Peru, Brazil.
- reticulata
subsp. surinamensis *T.D. Pennington in Fl. Neotrop.*, 52: 299 (1990)—Guyana, Surinam, Brazil.
- retinervis *T.D. Pennington in Fl. Neotrop.*, 52: 308 (1990)—French Guiana, Brazil.
- rhyngocarpa *T.D. Pennington in Fl. Neotrop.*, 52: 517 (1990)—Mexico.
- rigida
subsp. tomentosa (*Aubréville*) *T.D. Pennington in Fl. Neotrop.*, 52: 358 (1990): Neoxythece tomentosa.
- rigidopsis *Monachino ex T.D. Pennington in Fl. Neotrop.*, 52: 355 (1990)—Venezuela.
- rodriguesiana *Pires & T.D. Pennington in Fl. Neotrop.*, 52: 379 (1990)—French Guiana, Surinam, Brazil.
- rufotomentosa (*Lundell*) *T.D. Pennington in Fl. Neotrop.*, 52: 322 (1990): Peteniodendron rufotomentosum.
- scrobiculata *Monachino ex T.D. Pennington in Fl. Neotrop.*, 52: 356 (1990)—Venezuela, Brazil.
- sessilis *T.D. Pennington in Fl. Neotrop.*, 52: 327 (1990)—Peru.
- silvestris *T.D. Pennington in Fl. Neotrop.*, 52: 429 (1990)—Costa Rica.
- singularis *T.D. Pennington in Fl. Neotrop.*, 52: 459 (1990)—Brazil, French Guiana.
- sipapoensis *T.D. Pennington in Fl. Neotrop.*, 52: 367 (1990)—Venezuela.
- tenuisepala *Pires & T.D. Pennington in Fl. Neotrop.*, 52: 435 (1990)—Brazil, French Guiana.

POUTERIA :-

- torta
subsp. gallifruca (*Cronquist*) *T.D. Pennington in Fl. Neotrop.*, 52: 487 (1990): P. gallifruca.
- subsp. glabra *T.D. Pennington in Fl. Neotrop.*, 52: 484 (1990), without latin descr.—Ecuador, Colombia, Venezuela, Guyana, French Guiana, Peru, Brazil, Bolivia.
- subsp. tuberculata (*Sleumer*) *T.D. Pennington in Fl. Neotrop.*, 52: 483 (1990): Lucuma tuberculata.
- tripilarifolia *Allen ex T.D. Pennington in Fl. Neotrop.*, 52: 509 (1990)—Costa Rica.
- venosa
subsp. amazonica *T.D. Pennington in Fl. Neotrop.*, 52: 399 (1990)—Venezuela, Guyana, Surinam, French Guiana, Brazil.
- vernica *T.D. Pennington in Fl. Neotrop.*, 52: 311 (1990)—Brazil, Peru.
- williamii (*Aubréville & Pellegrin*) *T.D. Pennington in Fl. Neotrop.*, 52: 338 (1990): Eremoluma williamii.

POUZOLZIA (Urticac.).

- bracteosa *I. Friis in Bol. Soc. Brot.*, 58: 202 (1985)—Zambia.
- matsudae (*Yamamoto*) *S.S. Ying, Coloured Illustr. Fl. Taiwan*, 3: 479 (1988), as 'matsudai': Memorialis matsudai.
- neurocarpa (*Yamamoto*) *S.S. Ying, Coloured Illustr. Fl. Taiwan*, 3: 481 (1988): Memorialis neurocarpus.
- pentandra
var. akoensis (*Yamamoto*) *S.S. Ying, Coloured Illustr. Fl. Taiwan*, 3: 477 (1988): Memorialis pentandra var. akoensis.
- var. hypericifolia (*Blume*) *S.S. Ying, Coloured Illustr. Fl. Taiwan*, 3: 476 (1988): P. hypericifolia.
- peteri *I. Friis in Kew Bull.*, 42(3): 666 (1987), nom. nov.: P. cordata *A. Peter*.

POVEDADAPHNE *W.C. Burger in Brittonia*, 40(3):

- 276 (1988). LAURACEAE.
- quadriflorata *W.C. Burger in Brittonia*, 40(3): 277 (1988)—Costa Rica.

PRADOSIA (Sapotac.).

- argentea (*Kunth*) *T.D. Pennington in Fl. Neotrop.*, 52: 660 (1990): Nycteris argenteum.
- beardii (*Monachino*) *T.D. Pennington in Fl. Neotrop.*, 52: 665 (1990): Chrysophyllum beardii.
- brevipes (*Pierre*) *T.D. Pennington in Fl. Neotrop.*, 52: 641 (1990): Ecclinusa brevipes.
- caracasana (*Pittier*) *T.D. Pennington in Fl. Neotrop.*, 52: 668 (1990): Oxythece caracasana.
- cochlearia (*Lecomte*) *T.D. Pennington in Fl. Neotrop.*, 52: 656 (1990): Chrysophyllum cochlearium.
- subsp. praealta (*Ducke*) *T.D. Pennington in Fl. Neotrop.*, 52: 656 (1990): Glycoxyllum praealtum.
- cuatrecasasii (*Aubréville*) *T.D. Pennington in Fl. Neotrop.*, 52: 663 (1990): Ecclinusa cuatrecasasii.
- glaziovii (*Pierre*) *T.D. Pennington in Fl. Neotrop.*, 52: 643 (1990): Ecclinusa glaziovii.
- granulosa *Pires & T.D. Pennington in Fl. Neotrop.*, 52: 645 (1990)—Brazil.
- grisebachii (*Pierre*) *T.D. Pennington in Fl. Neotrop.*, 52: 655 (1990): Ecclinusa grisebachii.
- montana *T.D. Pennington in Fl. Neotrop.*, 52: 661 (1990)—Ecuador.
- ptychandra (*Eyma*) *T.D. Pennington in Fl. Neotrop.*, 52: 648 (1990): Pouteria ptychandra.
- schomburgkiana
subsp. sericea *T.D. Pennington in Fl. Neotrop.*, 52: 660 (1990)—Venezuela, Brazil.
- surinamensis (*Eyma*) *T.D. Pennington in Fl. Neotrop.*, 52: 652 (1990): Pouteria surinamensis.

PRANGOS (Umbellif.).

- herderi
subsp. xinjiangensis *X.Y. Chen & Q.X. Liu in Bull. Bot. Res. North-East. Forest. Inst.*, 9(3): 99 (1989)—Xinjiang.
- lachnantha (*Korov.*) *M.G. Pimenov & E.V. Klyuikov in Byull. Mosk. Obsch. Ispyt. Prir., Biol.*, 91(6): 110 (1986): Schrenkia lachnantha.

PRASOPHYLLUM (Orchidac.).

- antennum *M.A. Clements & D. Jones in Austral. Orchid Res.*, 1: 110 (1989), nom. nov.: P. gracile *Endl.*
- calicicola *R. Bates in J. Adelaide Bot. Gard.*, 11(2): 179 (1989)—Australia (S. Australia, W. Australia).
- fecundum *R. Bates in J. Adelaide Bot. Gard.*, 11(2): 189 (1989)—Australia (S. Australia).
- litorale *R. Bates in J. Adelaide Bot. Gard.*, 13: 59 (1990)—Australia (Victoria, S. Australia).
- occultans *R. Bates in J. Adelaide Bot. Gard.*, 11(2): 192 (1989)—Australia (S. Australia).
- ringens (*Reichb. f.*) *R. Bates in J. Adelaide Bot. Gard.*, 11(2): 182 (1989): Prasophyllum gracile var. ringens.
- robustum (*Nicholls*) *M.A. Clements & D. Jones in Austral. Orchid Res.*, 1: 117 (1989): P. patens var. robustum.

PRAXELIS (Compos.).

- sanctopaulensis (*B.L. Robinson*) *R.M. King & H. Robinson in Phytologia*, 65(6): 488 (1989): Eupatorium sanctopaulense.

PREMNA (Verbenac.).

- hamiltonii
var. gmelinoides (*Haines*) *H.B. Naithani, Flow. Pl. India, Nepal & Bhutan*: 337 (1990): P. flavescens var. gmelinoides.

PRENANTHES (Compos.).

- angustiloba *C. Shih in Acta Phytotax. Sin.*, 25(3): 193 (1987)—China.
- chinensis *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14: 714 (1784)*—Japan.†
- debilis *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14: 714 (1784)*—Japan.†
- dentata *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14: 715 (1784)*—Japan.†
- hastata *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14: 715 (1784)*—Japan.†
- humilis *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14: 715 (1784)*—Japan.†
- integra *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14: 714 (1784)*—Japan.†
- leptantha *C. Shih in Acta Phytotax. Sin.*, 25(3): 193 (1987)—China.
- lyrata *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14: 715 (1784)*—Japan.†
- multiflora *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14: 715 (1784)*—Japan.†
- pyramidalis *C. Shih in Acta Phytotax. Sin.*, 25(3): 191 (1987)—China.
- racemiformis *C. Shih in Acta Phytotax. Sin.*, 25(3): 191 (1987)—China.
- spinosa *S. Bowdich in T.E. Bowdich, Exc. Madeira: 245 (1825); cf. D.J. Mabberley in Bot. Macaronesia*, 6: 60 (1980)—Cape Verde Is.
- squarrosa *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14: 715 (1784)*—Japan.†

PRESTOEA (Palmae).

- brachyclada (*Burret*) *R.G. Bernal, G. Galeano-Garcés & A. Henderson in Taxon*, 38(1): 102 (1989): Euterpe brachyclada.
- dariensis *A. Henderson in Brittonia*, 38(3): 266 (1986)—Panama.
- dasystachys (*Burret*) *R.G. Bernal, G. Galeano-Garcés & A. Henderson in Taxon*, 38(1): 102 (1989): Euterpe dasystachys.
- humilis *A. Henderson & J.A. Steyermark in Brittonia*, 38(4): 311 (1986)—Venezuela.
- integrifolia *G. de Nevers & A.J. Henderson in Ann. Missouri Bot. Gard.*, 75(1): 208 (1988)—Panama.
- latisecta (*Burret*) *R.G. Bernal, G. Galeano-Garcés & A. Henderson in Taxon*, 38(1): 102 (1989): Euterpe latisecta.
- semispicata *G. de Nevers & A.J. Henderson in Ann. Missouri Bot. Gard.*, 75(1): 213 (1988)—Panama.
- simplicifolia *G. Galeano-Garcés in Brittonia*, 38(1): 62 (1986)—Colombia.
- simplicifrons (*Burret*) *A.J. Henderson & G. de Nevers in Ann. Missouri Bot. Gard.*, 75(1): 210 (1988): Euterpe simplicifrons.
- trichoclada (*Burret*) *H. Balslev & A. Henderson in Principes*, 31(1): 11 (1987): Euterpe trichoclada.

PRIMULA (Primulac.).

- sect. *Inayatii* (Smith & Fletcher) Y.J. Nasir in *Willdenowia*, 15(2): 480 (1986): P. subsect. *Inayatii*.
- sect. *Ranunculoides* C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 290, 55 (1990).
- sect. *Sibirica* (Smith & Fletcher) Y.J. Nasir in *Willdenowia*, 15(2): 480 (1986): P. subsect. *Sibirica*.
- acaulis**
- subsp. *atlantica* (Maire & Wilczek) W. Greuter & Burdet in *Willdenowia*, 19(1): 42 (1989): P. vulgaris var. *atlantica*.
- subsp. *balearica* (Willk.) W. Greuter & Burdet in *Willdenowia*, 19(1): 42 (1989): P. vulgaris var. *balearica*.
- subsp. *rubra* (Sm.) W. Greuter & Burdet in *Willdenowia*, 19(1): 42 (1989): P. acaulis var. *rubra*.
- advena**
- var. *euprepes* (W.W. Smith) Chen & C.M. Hu in *Fl. Xizangica*, 3: 799 (1986), without basionym ref.: P. maximowiczii var. *euprepes*.
- anvilensis** S. Kelso in *Syst. Bot.*, 12(1): 10 (1987)—Alaska.
- baokongensis** Chen & C.M. Hu ex J.X. Yang in *Fl. Tsinglingensis*, 1(4): 394, 39 (1983)—China.
- calliantha**
- subsp. *mishmiensis* (Ward) C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 164 (1990): P. mishmiensis.
- divaricata** F.W. Chen & C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 289, 6 (1990)—China.
- dryadifolia**
- subsp. *chlorodryas* (W.W. Smith) F.W. Chen & C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 247 (1990): P. chlorodryas.
- subsp. *jonardunii* (W.W. Smith) F.W. Chen & C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 246 (1990): P. jonardunii.
- elongata**
- var. *barnardoana* (W.W. Smith & Ward) C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 166 (1990): P. barnardoana.
- epilithica** F.W. Chen & C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 289, 6 (1990)—China.
- exscapa** F.W. Chen & C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 293, 109 (1990)—China.
- falcifolia**
- var. *farinifera* C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 294, 179 (1990)—Xizang.
- fangii** F.W. Chen & C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 294, 204 (1990)—China.
- fangingensis** F.W. Chen & C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 294, 194 (1990)—China.
- farreriana** I.B. Balfour in *Notes Roy. Bot. Gard. Edinburgh*, 9: 167 (1916)—China.†
- glabra**
- subsp. *genestieriana* (Hand.-Mazz.) C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 224 (1990): P. genestieriana.
- homogama** F.W. Chen & C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 295, 240 (1990)—China.
- hookeri**
- var. *violacea* (W.W. Smith) C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 97 (1990): P. vernicosa var. *violacea*.
- huashanensis** F.W. Chen & C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 294, 198 (1990)—China.
- intanoensis** T. Yamazaki in *J. Jap. Bot.*, 63(6): 211 (1988)—Thailand.
- interjacens**
- var. *epilosa* C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 290, 12 (1990)—China.
- kialensis**
- subsp. *brevituba* C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 295, 210 (1990), as 'breviloba'—China.
- kweichouensis**
- subsp. *venulosa* C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 290, 63 (1990)—China.
- lactuoides** F.W. Chen & C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 293, 169 (1990)—China.
- larsenii** C.M. Hu in *Nordic J. Bot.*, 10(4): 399 (1990)—Thailand.
- levicalyx** C.M. Hu & Z.R. Xu in *Acta Phytotax. Sin.*, 26(4): 309 (1988)—China.
- lithophila** F.W. Chen & C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 290, 12 (1990)—China.

PRIMULA :-

- meioteira** (W.W. Smith & Fletcher) C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 190 (1990): P. rhodochroa var. *meioteira*.
- monticola** (Hand.-Mazz.) F.W. Chen & C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 251 (1990): P. polyphylla var. *monticola*.
- moupinensis**
- subsp. *barkamensis* C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 291, 81 (1990)—China.
- obconica**
- subsp. *nigroglandulosa* (W.W. Smith & Fletcher) C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 22 (1990): P. obconica var. *nigroglandulosa*.
- ovalifolia**
- subsp. *tardiflora* C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 292, 101 (1990)—China.
- pauliana**
- var. *huiliensis* C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 290, 27 (1990)—China.
- petrocallis** F.W. Chen & C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 289, 5 (1990)—China.
- var. *glabrata* C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 289, 6 (1990)—China.
- praeflorens** F.W. Chen & C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 293, 111 (1990)—China.
- prenantha**
- subsp. *morsheadiana* (Ward) F.W. Chen & C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 126 (1990): P. morsheadiana.
- prevernalis** F.W. Chen & C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 291, 80 (1990)—China.
- qinghaiensis** F.W. Chen & C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 294, 200 (1990)—China.
- rhodochroa**
- var. *geraldinae* (W.W. Smith) F.W. Chen & C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 189 (1990): P. geraldinae.
- rubifolia** C.M. Hu in *Acta Phytotax. Sin.*, 26(4): 307 (1988)—China.
- socialis** F.W. Chen & C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 295, 209 (1990)—China.
- sonchifolia**
- subsp. *emeiensis* C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 292, 96 (1990)—China.
- soongii** F.W. Chen & C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 293, 167 (1990)—China.
- strumosa**
- var. *tenuipes* C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 292, 87 (1990)—Xizang.
- subansirica** G.D. Pal in *J. Bombay Nat. Hist. Soc.*, 82(3): 617 (1985 publ. 1986)—India.
- taliensis**
- subsp. *procera* C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 291, 76 (1990)—China.
- tenuipes** F.W. Chen & C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 294, 201 (1990)—China.
- tridentifera** F.W. Chen & C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 292, 108 (1990)—China.
- vaginata**
- subsp. *eucyclia* (W.W. Smith & Forr.) F.W. Chen & C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 36 (1990): P. eucyclia.
- subsp. *normaniana* (Ward) F.W. Chen & C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 36 (1990): P. normaniana.
- wangii** F.W. Chen & C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 291, 64 (1990)—China.
- wenshanensis** F.W. Chen & C.M. Hu in *Fl. Reipubl. Popul. Sin.*, 59(2): 291, 84 (1990)—China.

PRINSEPIA (Rosac.).

- scandens**
- f. *nanhutashanense* (Ying) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 1: 466 (1985): P. nanhutashanense.

PRINOSTEMMA (Celastrac.).

- delagoensis**
- var. *ritschardii* (Wilczek) N. Hallé in *Fl. Gabon*, 29: 232 (1986): Loeseneriella *ritschardii*.

PRIONOTRICHON (Crucif.).

- flexuosum** (Rech. f.) V.P. Bochantsev in *Novosti Sist. Vjssh. Rast.*, 24: 99 (1987): Koeiea *flexuosa*.
- ghoranum** (Rech. f.) V.P. Bochantsev in *Novosti Sist. Vjssh. Rast.*, 24: 97 (1987): Koeiea *ghorana*.

PRIONOTRICHON :-

- kamelinii** V.P. Bochantsev in *Novosti Sist. Vjssh. Rast.*, 24: 98 (1987)—Mongolia.

PRISMATOMERIS (Rubiace.).

- beccariana** (Baillon) J.T. Johansson in *Op. Bot.*, 94: 57 (1987): Morinda *beccariana*.
- connata** Y.Z. Ruan in *Acta Phytotax. Sin.*, 26(6): 447 (1988)—China.
- subsp. *hainanensis* Y.Z. Ruan in *Acta Phytotax. Sin.*, 26(6): 448 (1988)—Hainan.
- fragrans**
- subsp. *andamanica* (Ridley) J.T. Johansson in *Op. Bot.*, 94: 45 (1987): P. *andamanica*.
- kinabaluensis** J.T. Johansson in *Op. Bot.*, 94: 40 (1987)—Borneo (Sabah).
- robusta** J.T. Johansson in *Op. Bot.*, 94: 35 (1987)—Borneo (Sarawak).
- tetrandra**
- subsp. *malayana* (Ridley) J.T. Johansson in *Op. Bot.*, 94: 29 (1987): P. *malayana*.
- subsp. *multiflora* (Ridley) Y.Z. Ruan in *Acta Phytotax. Sin.*, 26(6): 447 (1988): P. *multiflora*.

PRISTIGLOTTIS (Orchidac.).

- degeneri** (L.O. Williams) P.J. Kores in *Allertonia*, 5(1): 29 (1989): Odontochilus *degeneri*.
- longiflora** (Reichenb. f.) P.J. Kores in *Allertonia*, 5(1): 28 (1989): Anecochilus *longiflorus*.

PRISTIMERA (Celastrac.).

- andongensis**
- var. *cinerascens* N. Hallé in *Fl. Gabon*, 29: 211 (1986)—Cameroun, Gabon, Zaïre.
- var. *volkensii* (Loesener) N. Hallé in *Fl. Gabon*, 29: 211 (1986): Hippocratea *volkensii*.
- biholongii** N. Hallé in *Fl. Gabon*, 29: 206 (1986)—Cameroun.
- luteoviridis**
- var. *kribiana* N. Hallé in *Fl. Gabon*, 29: 202 (1986)—Cameroun.

PRITCHARDIA (Palmae).

- limahuliensis** H. St. John in *Phytologia*, 64(3): 177 (1988)—Hawaiian Is.
- waialealeana** R.W. Read in *Principes*, 32(4): 135 (1988)—Hawaiian Is.

PRITZELAGO (Crucif.).

- alpina**
- subsp. *affinis* (Gren. ex F. Schultz) J. Soják in *Čas. Nár. Muz. (Prague)*, 152(1): 21 (1983): Hutchinsia *affinis*.
- subsp. *auerswaldii* (Willkomm) J. Soják in *Čas. Nár. Muz. (Prague)*, 153(3): 145 (1984 publ. 1985): Hutchinsia *auerswaldii*.
- subsp. *font-queri* (Savigne) J. Soják in *Čas. Nár. Muz. (Prague)*, 153(3): 145 (1984 publ. 1985): Hutchinsia *font-queri*.
- subsp. *polatschekii* (Lainz) J. Soják in *Čas. Nár. Muz. (Prague)*, 153(3): 145 (1984 publ. 1985): Hutchinsia *alpina* subsp. *polatschekii*.

PRIVA (Verbenac.).

- mitchellii** Endl., *Cat. Horti Vindob.*, 2: 47 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 435 (1984)—Locality not stated.
- roxburghii** Endl., *Cat. Horti Vindob.*, 2: 47 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 435 (1984)—Locality not stated.
- tenax** B. Verdcourt in *Kew Bull.*, 43(4): 672 (1988)—Ethiopia, Yemen, Somali Republic, Sudan, Kenya.

PROATRIPLEX (Weber) H.C. Stutz & G.L. Chu in

- Amer. J. Bot.*, 77(3): 364 (1990): Atriplex subgen. *Proatriplex* (Chenopodiace.).
- pleiantha** (Weber) H.C. Stutz & G.L. Chu in *Amer. J. Bot.*, 77(3): 366 (1990): Atriplex *pleiantha*.

PROCKIA (Tiliac.).

- pentamera** A.H. Gentry in *Ann. Missouri Bot. Gard.*, 75(4): 1430 (1988 publ. 1989)—Peru, Ecuador.

PROCRIS (Urticac.).

- decurrens** (H. Winkler) R.J. Johns, *Flow. Pl. Papuasias*, *Dicol.*, 2: 54 (1988): *Elatostema decurrens*.

PROCRIS :-

- frutescens
var. caudatum (H. Winkler) R.J. Johns, *Flow. Pl. Papuasias: Dicot.*, 2: 54 (1988): Basionym not stated.
var. sculptum (H. Winkler) R.J. Johns, *Flow. Pl. Papuasias: Dicot.*, 2: 54 (1988): Basionym not stated.
grueningii (H. Winkler) R.J. Johns, *Flow. Pl. Papuasias: Dicot.*, 2: 55 (1988): *Elatostema grueningii*.
var. krausei (H. Winkler) R.J. Johns, *Flow. Pl. Papuasias: Dicot.*, 2: 55 (1988): Basionym not stated.
pedunculatum (Forst.) R.J. Johns, *Flow. Pl. Papuasias: Dicot.*, 2: 55 (1988), without basionym ref.: *Elatostema pedunculatum*.
var. angustum (H. Winkler) R.J. Johns, *Flow. Pl. Papuasias: Dicot.*, 2: 55 (1988), specific name not validly publ.: Basionym not stated.
rectangulare (H. Winkler) R.J. Johns, *Flow. Pl. Papuasias: Dicot.*, 2: 54 (1988): *Elatostema rectangulare*.

PROLONGOA (Compos.).

- macrocarpa* (Cosson & Kralik) S.A. Alavi in *Fl. Libya*, 107: 171 (1983): *Pyrethrum macrocarpum*.

PROSOPIS (Legumin.).

- alpataco*
var. lamaro F.A. Roig in *Parodiana*, 5(1): 56 (1987 publ. 1988)—Argentina.
f. rubra F.A. Roig in *Parodiana*, 5(1): 56 (1987 publ. 1988)—Argentina.
flexuosa
var. depressa F.A. Roig in *Parodiana*, 5(1): 53 (1987 publ. 1988), nom. nov.: *P. juliflora* f. *fruticosa* Hauman.
var. fruticosa (Meyen) F.A. Roig in *Parodiana*, 5(1): 53 (1987 publ. 1988): *P. fruticosa*.
koelziana
var. puberula J. Léonard in *Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 485 (1986)—Saudi Arabia, South Yemen.

PROSTANTHERA (Labiata).

- albiflora* B.J. Conn in *Nuytsia*, 6(3): 401 (1988)—Australia (W. Australia).
alhoferi B.J. Conn in *Nuytsia*, 6(3): 374 (1988)—Australia (W. Australia, S. Australia, N. Terr.).
subsp. longifolia B.J. Conn in *Nuytsia*, 6(3): 376 (1988)—Australia (S. Australia, N. Terr.).
ammophila B.J. Conn in *Nuytsia*, 6(3): 380 (1988)—Australia (S. Australia).
carrickiana B.J. Conn in *Muelleria*, 6(5): 371 (1987)—Australia (W. Australia).
centralis B.J. Conn in *Nuytsia*, 6(3): 382 (1988)—Australia (N. Terr., W. Australia).
nanophylla B.J. Conn in *Nuytsia*, 6(3): 394 (1988)—Australia (W. Australia).
petrophila B.J. Conn in *Nuytsia*, 6(3): 391 (1988)—Australia (W. Australia).
sericea (J.M. Black) B.J. Conn in *Nuytsia*, 6(3): 364 (1988): *P. baxteri* var. *sericea*.
splendens B.J. Conn in *Nuytsia*, 6(3): 388 (1988)—Australia (W. Australia).
verticillaris B.J. Conn in *Nuytsia*, 6(3): 355 (1988)—Australia (W. Australia).

PROTASPARAGUS (Asparagac.).

- humilis* (Engl.) B. Mathew in *Kew Bull.*, 44(1): 181 (1989): *Asparagus humilis*.
longicladus (N.E. Br.) B. Mathew in *Kew Bull.*, 44(1): 181 (1989): *Asparagus longicladus*.
virgatus (Baker) A.A. Obermeyer in *Fl. Australia*, 45: 494 (1987): *Asparagus virgatus*.

PROTEA (Proteac.).

- angolensis*
var. roseola S.M. Chisumpa & R.K. Brummitt in *Kew Bull.*, 42(4): 823 (1987)—Zambia.
argyrea
subsp. zambiana S.M. Chisumpa & R.K. Brummitt in *Kew Bull.*, 42(4): 834 (1987)—Zambia.
baumii
subsp. robusta S.M. Chisumpa & R.K. Brummitt in *Kew Bull.*, 42(4): 839 (1987)—Zambia, Tanzania, Zaïre, Angola.

PROTEA :-

- caffra*
subsp. gazensis (Beard) S.M. Chisumpa & R.K. Brummitt in *Kew Bull.*, 42(4): 830 (1987): *P. gazensis*.
subsp. kilimandscharica (Engl.) S.M. Chisumpa & R.K. Brummitt in *Kew Bull.*, 42(4): 830 (1987): *P. kilimandscharica*.
subsp. mafingensis S.M. Chisumpa & R.K. Brummitt in *Kew Bull.*, 42(4): 830 (1987)—Zambia, Malawi.
subsp. nyasae (Rendle) S.M. Chisumpa & R.K. Brummitt in *Kew Bull.*, 42(4): 830 (1987): *P. nyasae*.
heckmanniana
subsp. angustifolia (Hauman) S.M. Chisumpa & R.K. Brummitt in *Kew Bull.*, 42(4): 844 (1987): *P. heckmanniana* var. *angustifolia*.
kibarensis
subsp. cuspidata (Beard) S.M. Chisumpa & R.K. Brummitt in *Kew Bull.*, 42(4): 845 (1987): *P. cuspidata*.
madiensis
subsp. occidentalis (Beard) S.M. Chisumpa & R.K. Brummitt in *Kew Bull.*, 42(4): 819 (1987): *P. occidentalis*.
matonchiana S.M. Chisumpa & R.K. Brummitt in *Kew Bull.*, 42(4): 846 (1987)—Zambia.
micans
subsp. lemairei (De Wild.) S.M. Chisumpa & R.K. Brummitt in *Kew Bull.*, 42(4): 842 (1987): *P. lemairei*.
subsp. makutuensis S.M. Chisumpa & R.K. Brummitt in *Kew Bull.*, 42(4): 843 (1987)—Zambia.
subsp. suffruticosa (Beard) S.M. Chisumpa & R.K. Brummitt in *Kew Bull.*, 42(4): 843 (1987): *P. suffruticosa*.
subsp. trichophylla (Engl. & Gilg) S.M. Chisumpa & R.K. Brummitt in *Kew Bull.*, 42(4): 842 (1987): *P. trichophylla*.
namaquana J.P. Rourke in *S. Afr. J. Bot.*, 56(2): 261 (1990)—South Africa (Cape Province).
paludosa
subsp. kolweziensis S.M. Chisumpa & R.K. Brummitt in *Kew Bull.*, 42(4): 850 (1987)—Zaire.
subsp. secundifolia (Hauman) S.M. Chisumpa & R.K. Brummitt in *Kew Bull.*, 42(4): 849 (1987): *P. secundifolia*.
petiolaris
subsp. elegans S.M. Chisumpa & R.K. Brummitt in *Kew Bull.*, 42(4): 825 (1987)—Tanzania, Zaire, Zambia, Malawi, Mozambique, Zimbabwe.
poggei
subsp. haemantha (Engl. & Gilg) S.M. Chisumpa & R.K. Brummitt in *Kew Bull.*, 42(4): 851 (1987): *P. haemantha*.
subsp. heliophila S.M. Chisumpa & R.K. Brummitt in *Kew Bull.*, 42(4): 852 (1987)—Angola.
subsp. mwiniungensis S.M. Chisumpa & R.K. Brummitt in *Kew Bull.*, 42(4): 852 (1987)—Zambia.

PROTIUM (Bursac.).

- nitidifolium* (Cuatrec.) D.C. Daly in *Brittonia*, 41(1): 25 (1989): *Paraprotium nitidifolium*.
pilosum (Cuatrec.) D.C. Daly in *Brittonia*, 41(1): 24 (1989): *Tetragastris pilosa*.
vestitum (Cuatrec.) D.C. Daly in *Brittonia*, 41(1): 24 (1989): *Paraprotium vestitum*.

PRUNUS (Rosac.).

- apetala*
subsp. pilosa (Koidz.) H. Ohba in *J. Jap. Bot.*, 64(11): 327 (1989): *P. ceraseidos* var. *pilosa*.
aspera C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 463 (1784)—Japan.†
cerasifera
var. georgica G.V. Eremin & V.M. Garkovenko in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 123: 14 (1989), contrary to Art. 9.5 ICBN (1988)—Cultivation.
var. iranica (Luneva & Erem.) G.V. Eremin & V.M. Garkovenko in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 123: 13 (1989): *P. cerasifera* subsp. *iranica*.

PRUNUS :-

- subsp. macrocarpa* G.V. Eremin & V.M. Garkovenko in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 123: 12 (1989), contrary to Art. 9.5 ICBN (1988)—Cultivation.
var. macrocarpa G.V. Eremin & V.M. Garkovenko in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 123: 13 (1989), contrary to Art. 9.5 ICBN (1988)—Cultivation.
var. nairica G.V. Eremin & V.M. Garkovenko in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 123: 13 (1989), contrary to Art. 9.5 ICBN (1988)—Cultivation.
var. taurica G.V. Eremin & V.M. Garkovenko in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 123: 14 (1989), contrary to Art. 9.5 ICBN (1988)—Cultivation.
var. ursina (Kotschy) G.V. Eremin & V.M. Garkovenko in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 123: 12 (1989): *P. ursina*.
cercocarpifolia J.A. Villarreal Q. in *Sida*, 13(3): 273 (1989)—Mexico.
cornuta
var. integrifolia S.C. Ghora & G. Panigrahi in *J. Econ. Taxon. Bot.*, 7(1): 228 (1985)—India.
elliptica C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 463 (1784)—Japan.†
ferganensis (Kost. & Rjab.) Y.Y. Yao in *Fl. Desert. Reipubl. Popul. Sin.*, 2: 158 (1987), without basionym ref.: Basionym not stated.
fortunensis G. McPherson in *Ann. Missouri Bot. Gard.*, 75(1): 373 (1988)—Panama.
gentryi
f. flavipulpa J.E. Laferrière in *Phytologia*, 65(6): 482 (1989)—Mexico.
glandulosa C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 463 (1784)—Japan.†
glauciphylla S.C. Ghora & G. Panigrahi in *J. Econ. Taxon. Bot.*, 7(1): 228 (1985)—India, Sikkim.
incisa C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 463 (1784)—Japan.†
japonica C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 463 (1784)—Japan.†
ledebouriana (Schlecht.) Y.Y. Yao in *Fl. Desert. Reipubl. Popul. Sin.*, 2: 161 (1987): *Amygdalus ledebouriana*.
linearipetalus Y.N. Lee in *Korean J. Bot.*, 25(4): 176 (1982)—Korea.
mira
subsp. nepalensis (Serafimov) H. Hara in *Enum. Fl. Pl. Nepal*, 2: 142 (1979): *Persica mira* subsp. *nepalensis*.
paniculata C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 463 (1784)—Japan.†
pubigera
var. ohwii (Kanehira & Hatusima ex Kanehira) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 1: 480 (1985): *P. ohwii*.
salicina
var. cordata Y. He & J.Y. Zhang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(3): 71 (1989)—China.
sibirica
var. davidiana (Carr.) Y.L. Chou, *Ligneous Fl. Heilongjiang*: 308 (1986): *Armeniaca davidiana*.
spinosa
f. maritima R. Corillion, C. Figureau & M. Godeau in *Bull. Soc. Sci. Nat. Ouest France*, n.s., 9(4): 154 (1987), without type—France.
tomentosa C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 464 (1784)—Japan.†
triloba
f. petzoldii (Koch) Q.L. Wang in *Fl. Liaoningica, chiefed S.X. Li*, 1: 829 (1988): *P. petzoldii*.
wattii S.C. Ghora & G. Panigrahi in *J. Econ. Taxon. Bot.*, 7(1): 231 (1985)—India, Sikkim, Xizang.

PSACALIUM (Compos.).

- guerreroanum* B.L. Turner in *Phytologia*, 67(5): 403 (1989)—Mexico.
perezii B.L. Turner in *Phytologia*, 67(5): 419 (1989)—Mexico.
sharpii B.L. Turner in *Phytologia*, 68(1): 79 (1990)—Mexico.

PSAMMISIA (Ericac.).

- amazonica* J.L. Luteyn in *Op. Bot.*, 92: 117 (1987)—Peru.

PSAMMISIA :-

- aurantiaca *J.L. Luteyn in Op. Bot.*, 92: 121 (1987)—Ecuador.
incana *J.L. Luteyn in Op. Bot.*, 92: 118 (1987)—Ecuador.
pterocalyx *J.L. Luteyn in Op. Bot.*, 92: 117 (1987)—Colombia.

PSAMMOGETON (Umbellif.).

- lamondiae *L. Engstrand & K.H. Rechinger in Fl. Iran.*, 162: 150 (1987)—Pakistan.
ranunculifolius (*Boiss.*) *L. Engstrand in Fl. Iran.*, 162: 149 (1987): *Pimpinella ranunculifolia*.
registanicus *K.H. Rechinger in Fl. Iran.*, 162: 148 (1987)—Afghanistan.
ternatus (*Rech. f.*) *L. Engstrand in Fl. Iran.*, 162: 151 (1987): *Pimpinella ternata*.

PSAMMOPYRUM A. Löve in *Veröff. Geobot. Inst.*

- Rübel, 87: 50 (1986). **GRAMINEAE**.
athericum (*Link*) A. Löve in *Veröff. Geobot. Inst. Rübel*, 87: 50 (1986): *Triticum athericum*.
fontqueri (*Melderis*) A. Löve in *Veröff. Geobot. Inst. Rübel*, 87: 50 (1986): *Elymus pungens* subsp. *fontqueri*.
pungens (*Pers.*) A. Löve in *Veröff. Geobot. Inst. Rübel*, 87: 50 (1986): *Triticum pungens*.
subsp. *campestre* (*Gren. & Godron*) A. Löve in *Veröff. Geobot. Inst. Rübel*, 87: 50 (1986): *Agropyron campestre*.

PSATHYROSTACHYS (Gramin.).

- caespitosa (*Sukaczew*) *G.A. Peshkova in Fl. Sibir. (Poaceae)*, 2: 53 (1990): *Elymus caespitosa*.
stoloniformis *C. Baden in Nordic J. Bot.*, 9(5): 449 (1990)—China.

PSEPELLUS (Compos.).

- ser. *Absinthifolii* A.A. Alieva in A.I. Galushko (ed.), *Fl. Severn. Kavkaz i Voprosy ee istorii*: 44 (1983).
ser. *Andini* A.A. Alieva in A.I. Galushko (ed.), *Fl. Severn. Kavkaz i Voprosy ee istorii*: 33 (1983).
ser. *Boissierani* A.A. Alieva in A.I. Galushko (ed.), *Fl. Severn. Kavkaz i Voprosy ee istorii*: 28 (1983).
ser. *Daghestanici* A.A. Alieva in A.I. Galushko (ed.), *Fl. Severn. Kavkaz i Voprosy ee istorii*: 38 (1983).
ser. *Dealbati* A.A. Alieva in A.I. Galushko (ed.), *Fl. Severn. Kavkaz i Voprosy ee istorii*: 40 (1983).
ser. *Galushkoani* A.A. Alieva in A.I. Galushko (ed.), *Fl. Severn. Kavkaz i Voprosy ee istorii*: 31 (1983).
ser. *Paucilobi* A.A. Alieva in A.I. Galushko (ed.), *Fl. Severn. Kavkaz i Voprosy ee istorii*: 47 (1983).
ser. *Prokhanoviani* A.A. Alieva in A.I. Galushko (ed.), *Fl. Severn. Kavkaz i Voprosy ee istorii*: 35 (1983).
ser. *Salviaefolii* A.A. Alieva in A.I. Galushko (ed.), *Fl. Severn. Kavkaz i Voprosy ee istorii*: 48 (1983).
ser. *Schistosi* A.A. Alieva in A.I. Galushko (ed.), *Fl. Severn. Kavkaz i Voprosy ee istorii*: 24 (1983).
circassicus (*Albov*) A.I. Galushko, *Fl. Severn. Kavkaz*, 3: 229 (1980): *P. hypoleucus* var. *circassicus*.
hymenolepis
var. *subintegra* (*Trautv.*) A.A. Alieva in A.I. Galushko (ed.), *Fl. Severn. Kavkaz i Voprosy ee istorii*: 28 (1983): *Centaurea hymenolepis* var. *subintegra*.
schistosus (*Sosn.*) A.A. Alieva in A.I. Galushko (ed.), *Fl. Severn. Kavkaz i Voprosy ee istorii*: 24 (1983): *Centaurea schistosa*.

PSEUDABUTILON (Malvac.).

- cinereum* (*Griseb.*) A. Krapovickas in *Bol. Soc. Argent. Bot.*, 24(1-2): 206 (1985): *Abutilon cinereum*.

PSEUDAIDIA D.D. *Tirvengadam* in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 8(3): 286 (1986). **RUBIACEAE**.

- speciosa* (*Bedd.*) D.D. *Tirvengadam* in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 8(3): 287 (1986): *Griffithia speciosa*.

PSEUDANTHISTIRIA (Gramin.).

- emeinica* *S.L. Chen & T.D. Zhuang in Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 45 (1988)—China.

PSEUDARRHENATHERUM (Gramin.).

- setifolia* (*Brot.*) *B.E. Smythies in Englera*, 3(3): 645 (1986): *Avena setifolia*.

- ×**PSEUDELYMUS** M.E. *Barkworth & D.R. Dewey in Great Basin Nat.*, 43(4): 570 (1983). **GRAMINEAE**. (*Elymus* × *Pseudoroegneria*).
saxicola (*Scribner & J.G. Smith*) M.E. *Barkworth & D.R. Dewey in Great Basin Nat.*, 43(4): 570 (1983): *Elymus saxicolus*.

PSEUDERANTHEMUM (Acanthac.).

- lapathifolium* (*Vahl*) *B. Hansen in Nordic J. Bot.*, 9(2): 214 (1989): *Justicia lapathifolia*.
latifolium (*Vahl*) *B. Hansen in Nordic J. Bot.*, 9(2): 213 (1989): *Justicia latifolia*.

PSEUDOACANTHOCEREUS (Cactac.).

- boreominarum* *C.T. Rizzini & A. de Mattos-Filho in Rev. Brasil. Biol.*, 46(2): 327 (1986)—Brazil.

PSEUDOCADISCUS S. Lisowski in *Bull. Jard. Bot. Nation. Belg.*, 57(3-4): 467 (1987). **COMPOSITAE**.

- zairensis* *S. Lisowski in Bull. Jard. Bot. Nation. Belg.*, 57(3-4): 467 (1987)—Zaire.

PSEUDODICHANTHIUM (Gramin.).

- cookei* (*Stapp ex Cooke*) *M.R. Almeida in J. Bombay Nat. Hist. Soc.*, 84(2): 388 (1987 publ. 1988), without full basionym ref.: *Andropogon cookei*.

PSEUDODISSOCHAETA (Melastomatac.).

- raphioides* *C. Hansen in Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 11(3): 280 (1989 publ. 1990)—Laos.

PSEUDOFUMARIA (Papaverac.).

- alba* (*Miller*) *M. Lidén in Op. Bot.*, 88: 32 (1986): *Fumaria alba*.
subsp. *acaulis* (*Wulfen*) *M. Lidén in Op. Bot.*, 88: 32 (1986): *Fumaria acaulis*.
subsp. *leiosperma* (*Conrath*) *M. Lidén in Op. Bot.*, 88: 32 (1986): *Corydalis leiosperma*.

PSEUDOGOODYERA (Orchidac.).

- gonzalezii* (*L.O. Wms.*) *P. Burns-Balogh in Orquidea (México)*, 10(1): 92 (1986): *Spiranthes gonzalezii*.

PSEUDOGYNOXYS (Compos.).

- chenopodioides*
var. *cunningii* (*Benth. ex Oerst.*) *B.L. Turner in Phytologia*, 69(1): 17 (1990): *Gynoxys cunningii*.

PSEUDOJACOBAEA (Hook. f.) *R. Mathur in R.R. Rao et al.*, *Fl. Ind. Enumerat. - Asterac.*: 59 (1988): *Senecio* sect. *Pseudojacobaea* (Compos.).

- lavandulaefolius* (*DC.*) *R. Mathur in R.R. Rao et al.*, *Fl. Ind. Enumerat. - Asterac.*: 59 (1988): *Senecio lavandulaefolius*.

PSEUDOLIGANDRA M.O. *Dillon & A. Sagástegui*

- Alva* in *Taxon*, 39(1): 127 (1990). **COMPOSITAE**.
chrysocoma (*Wedd.*) *M.O. Dillon & A. Sagástegui* *Alva* in *Taxon*, 39(1): 127 (1990): *Oligandra chrysocoma*.

PSEUDOLYSIMACHION (Scrophulariac.).

- spicatum*
subsp. *bashkiriense* (*Tzvel.*) *J. Soják in Čas. Nár. Muz. (Prague)*, 152(1): 21 (1983): *Veronica spicata* subsp. *bashkiriensis*.
subsp. *klokovii* (*Tzvel.*) *J. Soják in Čas. Nár. Muz. (Prague)*, 152(1): 21 (1983): *Veronica spicata* subsp. *klokovii*.
subsp. *maeoticum* (*Klok.*) *J. Soják in Čas. Nár. Muz. (Prague)*, 152(1): 21 (1983): *Veronica maeotica*.
subsp. *petschoricum* (*Tzvel.*) *J. Soják in Čas. Nár. Muz. (Prague)*, 152(1): 21 (1983): *Veronica spicata* subsp. *petschorica*.
subsp. *transcaucasicum* (*Bordz.*) *É.Ts. Gabrielyan in Fl. Armenii*, 8: 259 (1987): *Veronica spicata* subsp. *transcaucasica*.
viscosulum (*Klok.*) *J. Soják in Čas. Nár. Muz. (Prague)*, 152(1): 21 (1983): *Veronica viscosula*.

PSEUDOMERTENSIA (Boraginac.).

- rosulata* (*Ouchinnikov & Chukavina*) *P.N. Ouchinnikov & A.P. Chukavina in Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 2(79): 104 (1980): *Scapicephalus rosulatus*.

PSEUDOPLANTAGO (Amaranthac.).

- bisteriliflora* *C.C. Townsend in Kew Bull.*, 43(1): 110 (1988)—Venezuela.

PSEUDOROEGNERIA (Gramin.).

- libanotica* (*Hackel*) *D.R. Dewey in Gene Manipulat. in Pl. Improv. (ed. J.P. Gustafson)*: 272 (1984): *Agropyron libanoticum*.

PSEUDOSAGOTIA R. de S. *Secco* in *Bol. Mus. Paraense Emílio Goeldi, Bot.*, 2(1): 23 (1985). **EUPHORBIACEAE**.

- brevipetiolata* *R. de S. Secco in Bol. Mus. Paraense Emílio Goeldi, Bot.*, 2(1): 24 (1985)—Venezuela.

PSEUDOSASA (Gramin.).

- altiligulata* *T.H. Wen in J. Bamboo Res.*, 8(1): 18 (1989)—China.
multifloscula (*W.T. Lin*) *W.T. Lin in Guihaia*, 10(1): 18 (1990): *Arundinaria multifloscula*.
vicinia (*Keng*) *Nguyen To Quyen in Bot. Zhurn.*, 75(2): 225 (1990): *Arundinaria vicinia*.

PSEUDOSEDUM (Crassulac.).

- sect. *Longidentata* *A.V. Palanov in Bot. Zhurn.*, 73(10): 1472 (1988).
kamelinii *A.V. Palanov in Bot. Zhurn.*, 73(5): 717 (1988)—U.S.S.R. (Middle Asia).

PSEUDOSTELLARIA (Caryophyllac.).

- helanshanensis* *W.Z. Di & Y. Ren in Acta Phytotax. Sin.*, 25(6): 478 (1987)—China.

PSEUDOTRIMEZIA (Iridac.).

- cathartica* (*Kl.*) *P. Ravenna in Onira, Bot. Leaflet*, 1(2): 23 (1988): *Lansbergia cathartica*.
concava *P. Ravenna in Onira, Bot. Leaflet*, 1(7): 49 (1988)—Brazil.
subsp. *clinostyla* *P. Ravenna in Onira, Bot. Leaflet*, 1(7): 50 (1988)—Brazil.
elegans *P. Ravenna in Onira, Bot. Leaflet*, 1(7): 48 (1988)—Brazil.
planifolia *P. Ravenna in Onira, Bot. Leaflet*, 1(7): 51 (1988)—Brazil.
setacea *P. Ravenna in Onira, Bot. Leaflet*, 1(2): 22 (1988)—Brazil.
sublateralis *P. Ravenna in Onira, Bot. Leaflet*, 1(2): 22 (1988)—Brazil.
subtilis *P. Ravenna in Onira, Bot. Leaflet*, 1(7): 51 (1988), nom. nov.: *Lansbergia setacea Klatt*.
xyridea *P. Ravenna in Onira, Bot. Leaflet*, 1(7): 50 (1988)—Brazil.

PSEUDOTSUGA (Pinac.).

- menziesii*
var. *flahaultii* (*Flores*) *J. Silba in Phytologia*, 68(1): 70 (1990): *P. flahaultii*.
subsp. *glaucescens* (*Schwerin*) *P.D. Sell in Watsonia*, 18(1): 92 (1990): *P. taxifolia* subsp. *glaucescens*.
shaanxiensis *S.Z. Qu & K.Y. Wang in Acta Bot. Bor.-Occid. Sin.*, 8(2): 129 (1988)—China.
sinensis
var. *brevifolia* (*Cheng & Fu*) *Farjon & J. Silba in Phytologia*, 68(1): 71 (1990): *P. brevifolia*.
var. *forrestii* (*Craib*) *J. Silba in Phytologia*, 68(1): 72 (1990): *P. forrestii*.
var. *gaussenii* (*Flores*) *J. Silba in Phytologia*, 68(1): 71 (1990): *P. gaussenii*.
xichangensis *C.T. Kuan & L.J. Zhou in Fl. Sichuanica*, 2: 54 (1983)—China.

PSEUDOVANILLA L.A. *Garay* in *Bot. Mus. Leaflet*.

- Harvard Univ.*, 30(4): 234 (1986). **ORCHIDACEAE**.
affinis (*J.J. Sm.*) *L.A. Garay in Bot. Mus. Leaflet. Harvard Univ.*, 30(4): 235 (1986): *Galeola affinis*.
anomala (*Ames & L.O. Wms.*) *L.A. Garay in Bot. Mus. Leaflet. Harvard Univ.*, 30(4): 235 (1986): *Vanilla anomala*.
foliata (*F. Muell.*) *L.A. Garay in Bot. Mus. Leaflet. Harvard Univ.*, 30(4): 235 (1986): *Ledgeria foliata*.

PSEUDOVANILLA :-

- gracilis* (Schltr.) L.A. Garay in *Bot. Mus. Leaflet. Harvard Univ.*, 30(4): 235 (1986): *Galeola gracilis philippinensis* (Ames) L.A. Garay in *Bot. Mus. Leaflet. Harvard Univ.*, 30(4): 236 (1986): *Galeola philippinensis*.
ponapensis (Kaneh. & Yamam.) L.A. Garay in *Bot. Mus. Leaflet. Harvard Univ.*, 30(4): 236 (1986): *Vanilla ponapensis*.
ternatensis (F.J. Sm.) L.A. Garay in *Bot. Mus. Leaflet. Harvard Univ.*, 30(4): 236 (1986): *Galeola ternatensis*.
vanilloides (Schltr.) L.A. Garay in *Bot. Mus. Leaflet. Harvard Univ.*, 30(4): 236 (1986): *Galeola vanilloides*.

PSEUDOXYANDRA (Annonac.).

- bahiensis* P.J.M. Maas in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 89(3): 265 (1986)—Brazil.
cuspidata P.J.M. Maas in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 89(3): 267 (1986)—French Guiana, Brazil.
pacifica P.J.M. Maas in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 89(3): 270 (1986)—Colombia.
sclerocarpa P.J.M. Maas in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 89(3): 271 (1986)—Colombia.

PSEUDOXYTENANTHERA T.R. Soderstrom & R.P. Ellis in *Smithsonian Contrib. Bot.*, 72: 52 (1988). GRAMINEAE.

- monadelpha* (Thwaites) T.R. Soderstrom & R.P. Ellis in *Smithsonian Contrib. Bot.*, 72: 52 (1988): *Dendrocalamus monadelphus*.

PSEUDUVARIA (Annonac.).

- froggattii* (F. Muell.) L.W. Jessup in *Austrobaileya*, 2(3): 227 (1986): *Mitrephora froggattii*.
hylandii L.W. Jessup in *Austrobaileya*, 2(4): 308 (1987)—Australia (Queensland).
mulgraveana L.W. Jessup in *Austrobaileya*, 2(4): 310 (1987)—Australia (Queensland).
var. glabrescens L.W. Jessup in *Austrobaileya*, 2(4): 312 (1987)—Australia (Queensland).
villosa L.W. Jessup in *Austrobaileya*, 2(4): 312 (1987)—Australia (Queensland).

PSIADIA (Compos.).

- ceylanica*
var. beddomei (Gamble) V. Chandrasekaran in A.N. Henry, G.R. Kumari & V. Chithra, *Fl. Tamil Nadu, India, Ser. 1*, 2: 46 (1987): *Microglossa zeylanica var. beddomei*.

PSIDIUM (Myrtac.).

- acutangulum*
var. oblongata J.R. Mattos in *Loefgrenia*, 94: 12 (1989)—Brazil.
canum J.R. Mattos in *Loefgrenia*, 94: 11 (1989)—Brazil.
hagelundianum J.R. Mattos in *Loefgrenia*, 94: 11 (1989)—Brazil.
parvifolium (Griseb.) Griseb., *Cat. Pl. Cub.*: 285 (1866): cf. D.J. Mabberley in *Taxon*, 30(1): 12 (1981): *P. cordatum var. parvifolium*.
subrostrifolium J.R. Mattos in *Loefgrenia*, 90: 3 (1986), as 'sub-rostrifolium'—Brazil.
turbinatum J.R. Mattos in *Loefgrenia*, 94: 12 (1989)—Brazil.
wrightii D. Don ex W. Wright in *Mitchell, Memoir W. Wright*: 278 (1828); cf. D.J. Mabberley in *Taxon*, 30(1): 12 (1981)—Locality not stated.

PSILANTHUS (Rubiace.).

- subgen. Afrocoffea* (Moens) D.M. Bridson in *Kew Bull.*, 42(2): 453 (1987): *Coffea subgen. Afrocoffea lebruniana* (Germain & Kesler) Leroy ex D.M. Bridson in *Kew Bull.*, 42(2): 456 (1987): *Coffea lebruniana*.

PSILOSTROPHE (Compos.).

- gnaphalodes*
var. mexicana (R.C. Brown) B.L. Turner in *Phytologia*, 65(3): 234 (1988): *P. mexicana*.
tagetina
var. cerifera (A. Nels.) B.L. Turner in *Phytologia*, 65(3): 234 (1988): *P. cerifera var. cerifera*.

PSILOTRICHUM (Amaranthac.).

- ferrugineum*
var. ximengense Y.Y. Qian in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 147 (1988)—China.
lanatum C.C. Townsend in *Kew Bull.*, 45(4): 661 (1990)—Somali Republic.
leptostachys C.C. Townsend in *Kew Bull.*, 45(4): 661 (1990)—Somali Republic.
stenanthum C.C. Townsend in *Kew Bull.*, 45(4): 663 (1990)—Somali Republic.

PSITTACANTHUS (Loranthac.).

- angustifolius* J. Kuijt in *Ann. Missouri Bot. Gard.*, 74(3): 523 (1987)—Nicaragua.
barlowii J. Kuijt in *Fl. Ecuador*, 24(32C): 185 (1986)—Ecuador.
chiriquianus J. Kuijt in *Proc. Kon. Nederl. Akad. Wetensch.*, 93(2): 115 (1990)—Panama.
costaricensis J. Kuijt in *Proc. Kon. Nederl. Akad. Wetensch.*, 93(2): 116 (1990)—Costa Rica.
gigas J. Kuijt in *Brittonia*, 39(4): 454 (1987)—Colombia.
minor J. Kuijt in *Ann. Missouri Bot. Gard.*, 74(3): 525 (1987)—Nicaragua.
oblongifolius (Rusby) J. Kuijt in *Proc. Kon. Nederl. Akad. Wetensch.*, 93(2): 120 (1990): *Struthanthus oblongifolius*.
pangui J. Kuijt in *Fl. Ecuador*, 24(32C): 177 (1986)—Ecuador.
pinicola J. Kuijt in *Ann. Missouri Bot. Gard.*, 74(3): 525 (1987)—Belize, Nicaragua.
rhynchanthus (Benth.) J. Kuijt in *Ann. Missouri Bot. Gard.*, 74(3): 529 (1987): *Loranthus rhynchanthus*.
truncatus J. Kuijt in *Fl. Ecuador*, 24(32C): 174 (1986)—Ecuador.
wiensii J. Kuijt in *Fl. Ecuador*, 24(32C): 182 (1986)—Ecuador.

PSOPHOCARPUS (Legumin.).

- subgen. Lophostigma* N. Maxted in *Bot. J. Linn. Soc.*, 102(2): 115 (1990).
sect. Vignopsis (De Wild.) N. Maxted in *Bot. J. Linn. Soc.*, 102(2): 115 (1990): gen. *Vignopsis*.

PSORALEA (Legumin.).

- fruticosa* Spreng., *Bot. Gart. Univ. Halle*: 75 (1800); cf. D.J. Mabberley in *Taxon*, 32(1): 86 (1983)—Locality not stated.
verrucosa Willd. ex Spreng., *Bot. Gart. Univ. Halle*: 75 (1800); cf. D.J. Mabberley in *Taxon*, 32(1): 86 (1983)—Locality not stated.

PSORALIDIUM (Legumin.).

- lanceolatum*
var. stenophyllum (Rydb.) S.L. Welsh in *Great Basin Nat.*, 46(2): 257 (1986): *Psoralea stenophylla*.
var. stenostachys (Rydb.) S.L. Welsh in *Great Basin Nat.*, 46(2): 257 (1986): *Psoralea stenostachys*.

PSYCHANTHUS (Zingiberac.).

- sect. Pleuranthodium* (K. Schum.) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 80 (1990): *Alpinia sect. Pleuranthodium*.
biligulatus (Val.) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 81 (1990): *Alpinia biligulata*.
branderhorstii (Val.) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 81 (1990): *Alpinia branderhorstii*.
comptus (K. Schum.) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 79 (1990): *Alpinia compta*.
floccosus (Val.) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 81 (1990): *Alpinia floccosa*.
floribundus (K. Schum.) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 80 (1990): *Alpinia floribunda*.
gjellerupii (Val.) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 80 (1990): *Alpinia gjellerupii*.
hellwigii (K. Schum.) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 80 (1990): *Alpinia hellwigii*.
iboensis (Val.) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 80 (1990): *Alpinia iboensis*.
macropycnanthus (Val.) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 81 (1990): *Alpinia macropycnantha*.
neragaimae (Gilli) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 51, 81 (1990): *Alpinia neragaimae*.
papilionaceus (K. Schum.) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 80 (1990): *Alpinia papilionacea*.

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- pedicellatus* (Val.) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 80 (1990): *Alpinia pedicellata*.
peekelii (Val.) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 80 (1990): *Alpinia peekelii*.
pelecystyla (K. Schum.) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 81 (1990): *Alpinia pelecystyla*.
piundaundensis (van Royen) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 81 (1990): *Riedelia piundaundensis*.
platynemus (K. Schum.) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 82 (1990): *Alpinia platynema*.
pterocharpus (K. Schum.) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 82 (1990): *Alpinia pterocarpa*.
racemiger (F. Muell.) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 82 (1990): *Alpinia racemigera*.
roemerii (Val.) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 82 (1990): *Alpinia roemerii*.
schlechteri (K. Schum.) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 80 (1990): *Alpinia schlechteri*.
scyphonemus (K. Schum.) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 80 (1990): *Alpinia scyphonema*.
tephrochlamys (Lauterb. & K. Schum.) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 82 (1990): *Alpinia tephrochlamys*.
trichocalyx (Val.) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 82 (1990): *Alpinia trichocalyx*.

PSYCHILIS (Orchidac.).

- atropurpurea* (Willdenow) R.P. Saulea in *Phytologia*, 65(1): 6 (1988): *Epidendrum atropurpureum*.
bifida (Aublet) R.P. Saulea in *Phytologia*, 65(1): 8 (1988): *Epidendrum bifidum*.
buchii (Cogniaux) R.P. Saulea in *Phytologia*, 65(1): 10 (1988): *Epidendrum buchii*.
cogniauxii (L.O. Williams) R.P. Saulea in *Phytologia*, 65(1): 11 (1988): *Epidendrum cogniauxii*.
correllii R.P. Saulea in *Phytologia*, 65(1): 11 (1988)—Leeward Is.
dodii R.P. Saulea in *Phytologia*, 65(1): 13 (1988)—Hispaniola (Dominican Republic).
domingensis (Cogniaux) R.P. Saulea in *Phytologia*, 65(1): 14 (1988): *Epidendrum domingense*.
kraenzlinii (Bello) R.P. Saulea in *Phytologia*, 65(1): 15 (1988): *Epidendrum kraenzlinii*.
krugii (Bello) R.P. Saulea in *Phytologia*, 65(1): 17 (1988): *Epidendrum krugii*.
macconnelliae R.P. Saulea in *Phytologia*, 65(1): 18 (1988)—Leeward Is., Puerto Rico.
monensis R.P. Saulea in *Phytologia*, 65(1): 20 (1988)—Puerto Rico.
olivacea (Cogniaux) R.P. Saulea in *Phytologia*, 65(1): 21 (1988): *Epidendrum olivaceum*.
×raganii R.P. Saulea in *Phytologia*, 65(1): 26 (1988)—Puerto Rico. (*P. kraenzlinii* × *krugii*).
rubeniana Dod ex R.P. Saulea in *Phytologia*, 65(1): 22 (1988)—Hispaniola (Dominican Republic).
truncata (Cogniaux) R.P. Saulea in *Phytologia*, 65(1): 24 (1988): *Epidendrum truncatum*.
×tudiana (Dod) R.P. Saulea in *Phytologia*, 65(1): 27 (1988): *Encyclia* × *tudiana*.
vernica (Dod) R.P. Saulea in *Phytologia*, 65(1): 25 (1988): *Encyclia vernica*.

PSYCHOTRIA (Rubiace.).

- amboniana*
subsp. mosambicensis (Petit) B. Verdcourt in *Fl. Zambes.*, 5(1): 24 (1989): *P. albidocalyx var. mosambicensis*.
anartioides J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 75(1): 340 (1988)—Venezuela.
aquatilis
var. divaricatus S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 32 (1988)—New Guinea (Papua New Guinea).
araiosantha A.C. Smith & S.P. Darwin in *Fl. Vitiensis Nova*, 4: 290 (1988)—Fiji.
archboldii S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 34 (1988)—Louisiane Archipelago, New Guinea (Papua New Guinea), New Britain.
var. multinervis S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 37 (1988)—New Guinea (Papua New Guinea).
asekiensis S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 37 (1988)—New Guinea (Papua New Guinea).
balakrishnii D.B. Deb & M. Gangopadhyay in *Bull. Bot. Surv. India*, 25(1-4): 211 (1983 publ. 1985)—Andaman Is.

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- balancanensis C.W. Hamilton in *Phytologia*, 64(3): 219 (1988)—Hawaiian Is.
 beaufortiensis Valetton ex S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 44 (1988)—New Guinea (W. Irian).
 berryi R. Wingfield in *Ann. Missouri Bot. Gard.*, 77(3): 597 (1990), nom. nov.: P. davidsei Steyerem.
 boloboensis
 var. balimensis (Merrill & Perry) S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 49 (1988): P. balimensis.
 breweri J. Steyerem in *Acta Bot. Venezuel.*, 14(3): 25 (1984)—Venezuela.
 bristolii W.A. Whistler in *J. Arnold Arbor.*, 67(3): 354 (1986)—Samoa.
 buntingii J.A. Steyerem in *Ann. Missouri Bot. Gard.*, 74(2): 399 (1987)—Venezuela.
 burkillii D.B. Deb & M. Gangopadhyay in *Bull. Bot. Surv. India*, 25(1-4): 213 (1983 publ. 1985)—India.
 butibumensis S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 54 (1988)—New Guinea (Papua New Guinea).
 capensis
 var. puberula (Petit) B. Verdcourt in *Fl. Zambes.*, 5(1): 14 (1989): P. riparia var. puberula.
 subsp. riparia (K. Schum. & K. Krause) B. Verdcourt in *Fl. Zambes.*, 5(1): 13 (1989): Grumilea riparia.
 carnea
 subsp. oncocarpa (Schumann) W.A. Whistler in *J. Arnold Arbor.*, 67(3): 354 (1986): P. oncocarpa.
 cascajalensis C.W. Hamilton in *Phytologia*, 64(3): 220 (1988)—Panama.
 chitariana J.D. Dwyer & C.W. Hamilton in *Phytologia*, 64(3): 221 (1988)—Costa Rica.
 chonantha (Gilli) S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 57 (1988): Caelospermum chonantherum.
 christophersenii W.A. Whistler in *J. Arnold Arbor.*, 67(3): 363 (1986)—Samoa.
 chrysanthoides S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 63 (1988)—New Guinea (Papua New Guinea, W. Irian).
 cocosensis C.W. Hamilton in *Phytologia*, 64(3): 222 (1988)—Cocos Is. (Pacific Ocean).
 conglobatoides S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 67 (1988)—New Guinea (W. Irian).
 costivenia
 var. altorum (Standley & Steyerem) C.W. Hamilton in *Phytologia*, 64(3): 223 (1988): P. altorum.
 crassipedunculata S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 69 (1988)—New Britain, New Guinea (Papua New Guinea).
 crassiramula S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 71 (1988)—New Guinea (Papua New Guinea).
 croftiana S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 73 (1988)—New Guinea (Papua New Guinea).
 damasiana S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 77 (1988)—New Britain, New Guinea (Papua New Guinea), Louisiade Archipelago.
 diplococca
 var. tariensis S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 88 (1988)—New Guinea (Papua New Guinea).
 dipteropodioides S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 92 (1988)—New Guinea (Papua New Guinea).
 diversinodula (Verdc.) B. Verdcourt in *Fl. Zambes.*, 5(1): 29 (1989): P. kirkii var. diversinodula.
 dressleri (Dwyer) C.W. Hamilton in *Phytologia*, 64(3): 223 (1988): Cephaelis dressleri.
 dwyeri C.W. Hamilton in *Phytologia*, 64(3): 223 (1988)—Mexico.
 edaphothrix J.A. Steyerem in *Ann. Missouri Bot. Gard.*, 75(1): 342 (1988)—Venezuela.
 faxlucens D.H. Lorence & J.D. Dwyer in *Bol. Soc. Bot. Méx.*, 47: 50 (1987)—Mexico.
 flaviramula S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 103 (1988)—New Guinea (W. Irian).
 foremanii S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 105 (1988)—New Guinea (Papua New Guinea).
 fosteri C.W. Hamilton in *Phytologia*, 64(3): 224 (1988)—Panama.
 frodinii S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 107 (1988)—New Guinea (Papua New Guinea).
 galorei S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 109 (1988)—New Britain, Louisiade Archipelago.

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- giluwensis S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 112 (1988)—New Guinea (Papua New Guinea).
 glandulifera
 var. trimeni S.H. Sohmer in M.D. Dassanayake & F.R. Fosberg, eds., *Revised Handb. Fl. Ceylon*, 6: 335 (1988)—Sri Lanka.
 glandulosa (Dennst.) C.R. Suresh in D.H. Nicolson, C.R. Suresh & K.S. Manial, *Interpret. Van Rheede's Hort. Malab.*: 229 (1988): Baldingera glandulosa.
 goodenoughiensis S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 116 (1988)—Louisiane Archipelago.
 grandistipulata (Lauterbach) W.A. Whistler in *J. Arnold Arbor.*, 67(3): 356 (1986): Randia grandistipulata.
 guanchezii J.A. Steyerem in *Ann. Missouri Bot. Gard.*, 74(1): 109 (1987)—Venezuela.
 haumugaensis S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 118 (1988)—New Guinea (Papua New Guinea).
 hellwigiensis Valetton ex S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 313 (1988)—New Guinea (W. Irian).
 hentyi S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 122 (1988)—New Guinea (Papua New Guinea, W. Irian).
 hollandiae
 var. pioraensis S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 129 (1988)—New Guinea (Papua New Guinea, W. Irian).
 var. whitei (Moore) S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 132 (1988): P. whitei.
 hornitensis J.D. Dwyer & C.W. Hamilton in *Phytologia*, 64(3): 225 (1988)—Panama.
 impercepta A.C. Smith & S.P. Darwin in *Fl. Vitiensis Nova*, 4: 323 (1988)—Fiji.
 insueta (Dwyer) C.W. Hamilton in *Phytologia*, 64(3): 226 (1988): Cephaelis insueta.
 izabalensis
 subsp. oaxacana D.H. Lorence in *Bol. Soc. Bot. Méx.*, 47: 53 (1987)—Mexico.
 jinotegensis
 var. morazanensis C.W. Hamilton in *Phytologia*, 64(3): 226 (1988)—Salvador.
 johnsii S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 135 (1988)—New Guinea (Papua New Guinea).
 kairoana S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 137 (1988)—New Guinea (Papua New Guinea).
 karemaensis S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 143 (1988)—New Guinea (Papua New Guinea).
 katikii S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 145 (1988)—New Guinea (Papua New Guinea, W. Irian).
 keralensis D.B. Deb & M. Gangopadhyay in *Bull. Bot. Surv. India*, 25(1-4): 213 (1983 publ. 1985)—India.
 lamarinensis C.W. Hamilton in *Phytologia*, 64(3): 227 (1988)—Costa Rica.
 laselvensis C.W. Hamilton in *Phytologia*, 64(3): 228 (1988)—Costa Rica.
 leleana S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 152 (1988)—New Britain, Admiralty Is.
 leleanoides S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 154 (1988)—New Britain, British Solomon Is., Bougainville Is.
 leptothyrsa
 var. friabilis S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 163 (1988)—New Guinea (Papua New Guinea).
 var. multifurca (Valetton) S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 165 (1988): P. multifurca.
 longipaniculata S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 171 (1988)—New Guinea (Papua New Guinea).
 lovetii A. Borhidi & B. Verdcourt in *Kew Bull.*, 45(4): 703 (1990)—Tanzania.
 luteotuba D.H. Lorence in *Bol. Soc. Bot. Méx.*, 47: 55 (1987)—Mexico.
 magnasepala S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 179 (1988)—New Guinea (Papua New Guinea).
 marafungaensis S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 181 (1988)—New Guinea (Papua New Guinea).
 megalantha D.H. Lorence in *Bol. Soc. Bot. Méx.*, 47: 58 (1987)—Mexico.
 merrilliana S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 188 (1988), nom. nov.: P. trichostoma var. macrophylla Merrill & Perry.
 mirandae C.W. Hamilton in *Phytologia*, 64(3): 229 (1988)—Mexico.

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- misolensis Valetton ex S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 318 (1988)—New Guinea (W. Irian).
 monopodicellata S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 200 (1988)—New Britain.
 montevidensis J.D. Dwyer & C.W. Hamilton in *Phytologia*, 64(3): 230 (1988)—Costa Rica.
 morobensis S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 203 (1988)—New Guinea (Papua New Guinea).
 multipedunculata S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 209 (1988)—New Britain, New Ireland, Louisiade Archipelago.
 mur-murensis S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 211 (1988)—New Guinea (Papua New Guinea).
 mwiniungae B. Verdcourt in *Fl. Zambes.*, 5(1): 23 (1989)—Zambia.
 nanifrutex S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 216 (1988)—New Guinea (Papua New Guinea).
 neillii C.W. Hamilton & J.D. Dwyer in *Phytologia*, 64(3): 231 (1988)—Nicaragua, Costa Rica.
 nigra
 var. peninsularis (Hook. f.) D.B. Deb & M.G. Gangopadhyay in *J. Econ. Taxon. Bot., Addit. Ser.* 7: 51 (1989): P. thwaitesii var. peninsularis.
 novohibernensis S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 219 (1988)—New Ireland.
 nudiflora
 var. latifolia D.B. Deb & M. Gangopadhyay in *Bull. Bot. Surv. India*, 25(1-4): 215 (1983 publ. 1985)—India.
 pacorensis C.W. Hamilton in *Phytologia*, 64(3): 232 (1988)—Panama.
 panamensis
 var. compressicaulis (K. Krause) C.W. Hamilton in *Phytologia*, 64(3): 233 (1988): P. compressicaulis.
 var. ixtlanensis C.W. Hamilton in *Phytologia*, 64(3): 233 (1988)—Mexico.
 var. magna (Standley) C.W. Hamilton in *Phytologia*, 64(3): 234 (1988): P. magna.
 pavairiensis S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 232 (1988)—Bougainville Is.
 pectinata J.A. Steyerem in *Ann. Missouri Bot. Gard.*, 75(1): 344 (1988)—Venezuela.
 peduncularis
 var. angustibracteata B. Verdcourt in *Fl. Zambes.*, 5(1): 22 (1989)—Zimbabwe, Mozambique.
 var. rufonyassana B. Verdcourt in *Fl. Zambes.*, 5(1): 22 (1989)—Zambia, Malawi, Tanzania.
 phaeochlamysoides S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 231 (1988)—Louisiane Archipelago, New Guinea (Papua New Guinea).
 pocsii A. Borhidi & B. Verdcourt in *Kew Bull.*, 45(4): 707 (1990)—Tanzania.
 subsp. ferruginea A. Borhidi & B. Verdcourt in *Kew Bull.*, 45(4): 708 (1990)—Tanzania.
 praecox Valetton ex S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 326 (1988)—New Guinea (W. Irian).
 pulleniana S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 233 (1988)—New Guinea (W. Irian, Papua New Guinea).
 pumila
 var. subumbellata (Petit) B. Verdcourt in *Fl. Zambes.*, 5(1): 27 (1989): P. albidocalyx var. subumbellata.
 purariensis S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 235 (1988)—New Guinea (Papua New Guinea).
 ramadecumbens S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 238 (1988)—New Guinea (Papua New Guinea).
 ramuensis S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 240 (1988)—New Guinea (Papua New Guinea).
 var. pubescentia S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 243 (1988)—New Guinea (Papua New Guinea).
 randiana
 var. misimensis (Merrill & Perry) S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 252 (1988): P. misimensis.
 var. tafaensis (Merrill & Perry) S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 250 (1988): P. tafaensis.
 reflexapedunculata S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 252 (1988)—Louisiane Archipelago.
 ronaldi J.A. Steyerem in *Ann. Missouri Bot. Gard.*, 74(1): 111 (1987)—Venezuela.
 rosseliensis S.H. Sohmer in *Bishop Mus. Bull. Bot.*, 1: 256 (1988)—Louisiane Archipelago.

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- saidoriensis *S.H. Sohmer in Bishop Mus. Bull. Bot.*, 1: 260 (1988)—New Guinea (Papua New Guinea), New Britain.
- sarmiensis *S.H. Sohmer in Bishop Mus. Bull. Bot.*, 1: 260 (1988)—New Guinea (W. Irian).
- sclerocarpa *W.A. Whistler in J. Arnold Arbor.*, 67(3): 351 (1986)—Samoa.
- silhouettae *F. Friedmann in Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 12(1): 65 (1990)—Seychelles Is.
- sixaolensis *C.W. Hamilton in Phytologia*, 64(3): 234 (1988)—Costa Rica, Panama.
- sohmeri *M. Kiehn in Pl. Syst. Evol.*, 154(3-4): 215 (1986), nom. nov.: *P. fosbergii Sohmer*.
- sousac *D.H. Lorence & J.D. Dwyer in Bol. Soc. Bot. Méx.*, 47: 59 (1987)—Mexico.
- steinii *J.A. Steyermark in Ann. Missouri Bot. Gard.*, 75(1): 345 (1988)—Venezuela.
- stevensiana *S.H. Sohmer in Bishop Mus. Bull. Bot.*, 1: 271 (1988)—New Britain.
- stockwellii *C.W. Hamilton in Phytologia*, 64(3): 235 (1988)—Costa Rica, Panama.
- streimannii *S.H. Sohmer in Bishop Mus. Bull. Bot.*, 1: 273 (1988)—New Guinea (Papua New Guinea).
- subimbricata *J.A. Steyermark in Ann. Missouri Bot. Gard.*, 74(2): 400 (1987)—Venezuela.
- talansis *S.H. Sohmer in Bishop Mus. Bull. Bot.*, 1: 275 (1988)—New Britain, New Guinea (Papua New Guinea).
- testacea *S.H. Sohmer in Bishop Mus. Bull. Bot.*, 1: 280 (1988)—New Guinea (W. Irian, Papua New Guinea).
- thesceloantha *J.A. Steyermark in Ann. Missouri Bot. Gard.*, 75(1): 347 (1988)—Venezuela.
- tripedunculata *S.H. Sohmer in Bishop Mus. Bull. Bot.*, 1: 286 (1988)—New Guinea (W. Irian).
- unicarinata (*Fosberg*) *A.C. Smith & S.P. Darwin in Fl. Vitiensis Nova*, 4: 318 (1988): *P. griseifolia* var. *unicarinata*.
- vaccinioides
var. *kostermansii S.H. Sohmer in Bishop Mus. Bull. Bot.*, 1: 290 (1988)—New Guinea (W. Irian).
- vaccinioidifolia *S.H. Sohmer in Bishop Mus. Bull. Bot.*, 1: 290 (1988)—New Guinea (W. Irian).
- valetonianana *S.H. Sohmer in Bishop Mus. Bull. Bot.*, 1: 293 (1988)—New Guinea (Papua New Guinea, W. Irian), New Britain, New Ireland.
- vanimocensis *S.H. Sohmer in Bishop Mus. Bull. Bot.*, 1: 296 (1988)—New Guinea (Papua New Guinea).
- vaupellii *W.A. Whistler in J. Arnold Arbor.*, 67(3): 352 (1986)—Samoa.
- veracruzensis *D.H. Lorence & J.D. Dwyer in Bol. Soc. Bot. Méx.*, 47: 61 (1987)—Mexico.
- verdcourtii *A. Borhidi in Kew Bull.*, 45(4): 706 (1990)—Tanzania.
- vinkii *S.H. Sohmer in Bishop Mus. Bull. Bot.*, 1: 300 (1988)—New Guinea (W. Irian).
- waiuensis *S.H. Sohmer in Bishop Mus. Bull. Bot.*, 1: 303 (1988)—New Guinea (Papua New Guinea).
- womersleyi *S.H. Sohmer in Bishop Mus. Bull. Bot.*, 1: 307 (1988)—New Guinea (Papua New Guinea).
- yapaensis *S.H. Sohmer in Bishop Mus. Bull. Bot.*, 1: 309 (1988)—New Guinea (Papua New Guinea, W. Irian).
- yutajensis *J.A. Steyermark in Ann. Missouri Bot. Gard.*, 75(1): 348 (1988)—Venezuela.

PSYCHROGETON (Compos.).

- nabidshonii (*R. Kam.*) *T.F. Kochkareva & E.P. Zhogoleva in Fl. Tadzhikskoi SSR*, 9: 247 (1988): *Erigeron nabidshonii*.

PSYDRAX (Rubiace).

- nitidum (*Craib*) *K.M. Wong in Tree Fl. Malaya*, 4: 400 (1989): *Canthium nitidum*.
- odorata (*Forst. f.*) *A.C. Smith & S.P. Darwin in Fl. Vitiensis Nova*, 4: 230 (1988): *Coffea odorata*.

PSYLLIUM (Plantaginac.).

- majus *Ratier, Pharm. Franc.*: 118 (1827); cf. *D.J. Mabberley in Taxon*, 31(1): 72 (1982)—Locality not stated.

PTARMICA (Compos.).

- multiflora (*Hook.*) *N.N. Tsvetlev in Arktich. Fl. SSSR*, 10: 107 (1987): *Achillea multiflora*.

PTARMICA :-

- salicifolia
subsp. *borysthenica (Klok. & Sakalo) N.N. Tsvetlev in Arktich. Fl. SSSR*, 10: 106 (1987): *P. borysthenica*.
- var. *septentrionalis (Serg.) N.N. Tsvetlev in Arktich. Fl. SSSR*, 10: 106 (1987): *P. cartilaginea* subsp. *septentrionalis*.

PTERACANTHUS (Acanthac.).

- gongshanensis *H.P. Tsui in Acta Bot. Yunnanica*, 12(3): 277 (1990)—China.
- hygrophiloides (*C.B. Clarke ex W.W. Smith*) *H.W. Li in Fl. Xizangica*, 4: 415 (1985): *Strobilanthes hygrophiloides*.
- versicolor (*Diels*) *H.W. Li in Fl. Xizangica*, 4: 415 (1985): *Strobilanthes versicolor*.

PTERICHIS (Orchidac.).

- colombiana *G. Morales L. in Orquideologia*, 16(3): 72 (1986)—Colombia.
- fernandezii *G. Morales L. in Orquideologia*, 16(3): 74 (1986)—Colombia.
- galeata
var. *quilinsayacoana G. Morales L. in Orquideologia*, 16(3): 60 (1986)—Colombia.

PTEROPETALUM (Umbellif.).

- brevium (*Shan & Pu*) *K.T. Fu in Fl. Tsinlingensis*, 1(3): 400 (1981): *P. longicaule* var. *brevium*.
- lamellosociliare *K.T. Fu in Fl. Tsinlingensis*, 1(3): 457, 401 (1981), as 'lamellosociliare'—China.
- tanakae
var. *fulcrantum Y.H. Zhang in Bull. Bot. Res. North-East. Forest. Inst.*, 9(3): 59 (1989)—China.
- trifoliatum *R.H. Shan & F.T. Pu in Acta Phytotax. Sin.*, 27(1): 64 (1989)—China.

PTEROCARPUS (Legumin.).

- ecastaphyllum (*L. A. Murray in Linnaeus, Syst. Veg.*, ed. 13: 533 (1774): *Hedysarum ecastaphyllum*).
- marsupium
subsp. *acuminatus (Prain) K. Thothathri, Taxon. Revis. Tribe Dalbergieae in Indian Subcont.*: 227 (1987): *P. marsupium* var. *acuminata*.
- vijaya *F. Buchanan-Hamilton in Mem. Wern. Soc.*, 6: 286 (1 January 1832); fide *D.J. Mabberley in Taxon*, 26(5-6): 530 (1977)—Nepal.

PTEROCEPHALIDIUM *G. López González in An. Jard. Bot. Madrid*, 43(2): 251 (1986 publ. 1987).**DIPSACACEAE.**

- diandrum (*Lag.*) *G. López González in An. Jard. Bot. Madrid*, 43(2): 252 (1986 publ. 1987): *Scabiosa diandra*.

PTEROCEPHALUS (Dipsacac.).

- multisetus (*Vis.*) *Endl., Cat. Horti Vindob.*, 1: 303 (1842); cf. *D.J. Mabberley in Taxon*, 33(3): 435 (1984): Basionym not stated.
- siamensis (*Craib*) *R. Verlaque in Rev. Cytol. Biol. Vég. Bot.*, 9(1): 30 (1986), without basionym ref.: *Scabiosa siamensis*.

PTEROCERAS (Orchidac.).

- insularum *L.V. Aver'yanov in Bot. Zhurn.*, 73(3): 426 (1988)—Vietnam.
- pricei (*Rolfe*) *L.V. Aver'yanov, Prelim. list Vietnam. Orchids*, 2: 120 (1988): *Dendrocolla pricei*.
- pustulatum *K. Senghas in Orchidee*, 40(1): 5 (1989)—Philippine Is.
- simondianus (*Gagnep.*) *L.V. Aver'yanov in Bot. Zhurn.*, 73(3): 432 (1988): *Ornithochilus simondianus*.
- sumatranum (*Schltr.*) *G. Seidenfaden in Op. Bot.*, 95: 256 (1988): *Sarcochilus sumatranus*.

PTEROCYMBIUM *R. Brown, Pterocymbium*: 219 (4 June 1844). **STERCULIACEAE.** †
javanicum *R. Brown, Pterocymbium*: 219 (4 June 1844)—Java. †**PTEROCYPSELA** *C. Shih in Acta Phytotax. Sin.*, 26(5): 385 (1988). **COMPOSITAE.**

- elata (*Hemsl.*) *C. Shih in Acta Phytotax. Sin.*, 26(5): 385 (1988): *Lactuca elata*.

PTEROCYPSELA :-

- formosana (*Maxim.*) *C. Shih in Acta Phytotax. Sin.*, 26(5): 389 (1988): *Lactuca formosana*.
- indica (*L.*) *C. Shih in Acta Phytotax. Sin.*, 26(5): 387 (1988): *Lactuca indica*.
- laciniata (*Houtt.*) *C. Shih in Acta Phytotax. Sin.*, 26(5): 388 (1988): *Prenanthes laciniata*.
- raddeana (*Maxim.*) *C. Shih in Acta Phytotax. Sin.*, 26(5): 386 (1988): *Lactuca raddeana*.
- sonchus (*Lévl. & Vant.*) *C. Shih in Acta Phytotax. Sin.*, 26(5): 388 (1988): *Lactuca sonchus*.
- triangulata (*Maxim.*) *C. Shih in Acta Phytotax. Sin.*, 26(5): 386 (1988): *Lactuca triangulata*.

PTERONIA (Compos.).

- diosmifolia *F.A. Brusse in Bull. Jard. Bot. Nation. Belg.*, 60(1-2): 151 (1990)—South Africa (Cape Province).

PTEROPENTACOILANTHUS *F. Rappa & V. Camarrone in Lav. Ist. Bot. Giard. Colon. Palermo*, 18: 22 (1962), without type. **AIZOACEAE.**

- hypertrophicus (*Dtr.*) *F. Rappa & V. Camarrone in Lav. Ist. Bot. Giard. Colon. Palermo*, 18: 22 (1962), without basionym ref.: *Halenbergia hypertrophica*.

PTEROSTYLIS (Orchidac.).

- abrupta *D.L. Jones in Orchadian*, 8(6): 122 (1985)—Australia (New South Wales).
- aciculiformis (*Nicholls*) *M.A. Clements & D. Jones in Austral. Orchid Res.*, 1: 118 (1989): *P. pusilla* var. *aciculiformis*.
- arenicola *M.A. Clements & J. Stewart in Austral. Orchid Res.*, 1: 120 (1989)—Australia (S. Australia).
- aspera *D. Jones & M.A. Clements in Austral. Orchid Res.*, 1: 120 (1989)—Australia (W. Australia).
- bicolor *M.A. Clements & D.L. Jones in Proc. Roy. Soc. Queensl.*, 98: 126 (1987)—Australia (New South Wales, Queensland).
- bicornis *D.L. Jones & M.A. Clements in Proc. Roy. Soc. Queensl.*, 98: 124 (1987)—Australia (Queensland).
- braemii *H. Mohr in Schlechteriana*, 1990(1): 21 (1990)—New Guinea (Papua New Guinea).
- calceolus *M.A. Clements in Austral. Orchid Res.*, 1: 120 (1989)—Australia (New South Wales).
- chaetophora *M.A. Clements & D. Jones in Austral. Orchid Res.*, 1: 120 (1989)—Australia (New South Wales, Queensland).
- ciliata *M.A. Clements & D. Jones in Austral. Orchid Res.*, 1: 120 (1989)—Australia (W. Australia).
- cobarensis *M.A. Clements in Austral. Orchid Res.*, 1: 121 (1989)—Australia (New South Wales).
- collina (*Rupp*) *M.A. Clements & D. Jones in Austral. Orchid Res.*, 1: 121 (1989): *P. ophioglossa* var. *collina*.
- concava *D. Jones & M.A. Clements in Austral. Orchid Res.*, 1: 121 (1989)—Australia (W. Australia).
- despectans (*Nicholls*) *M.A. Clements & D. Jones in Austral. Orchid Res.*, 1: 122 (1989): *P. rufa* var. *despectans*.
- dolichocheila *D.L. Jones & M.A. Clements in Fl. S. Australia*, 4: 2117 (1986)—Australia (S. Australia, Victoria).
- erythroconcha *M.A. Clements & D.L. Jones in Fl. S. Australia*, 4: 2118 (1986)—Australia (S. Australia).
- excelsa *M.A. Clements in Fl. S. Australia*, 4: 2119 (1986)—Australia (S. Australia, Victoria).
- insectifera *M.A. Clements in Austral. Orchid Res.*, 1: 123 (1989)—Australia (W. Australia).
- leptochila *M.A. Clements & D. Jones in Austral. Orchid Res.*, 1: 123 (1989)—Australia (W. Australia).
- lingua *M.A. Clements in Austral. Orchid Res.*, 1: 123 (1989)—Australia (New South Wales).
- macrocalymma *M.A. Clements & D. Jones in Austral. Orchid Res.*, 1: 124 (1989)—Australia (W. Australia).
- maxima *M.A. Clements & D. Jones in Austral. Orchid Res.*, 1: 124 (1989)—Australia (Victoria, S. Australia, New South Wales).
- nigricans *D.L. Jones & M.A. Clements in Austrobaileya*, 2(5): 550 (1988)—Australia (Queensland, New South Wales).
- ovata *M.A. Clements in Fl. S. Australia*, 4: 2124 (1986)—Australia (S. Australia).

PTEROSTYLIS :-

- picta* M.A. Clements in *Austral. Orchid Res.*, 1: 125 (1989)—Australia (W. Australia).
praetermissa M.A. Clements & D. Jones in *Austral. Orchid Res.*, 1: 125 (1989)—Australia (New South Wales, Queensland).
procera D. Jones & M.A. Clements in *Austral. Orchid Res.*, 1: 125 (1989)—Australia (Queensland).
roensis M.A. Clements & D. Jones in *Austral. Orchid Res.*, 1: 126 (1989)—Australia (W. Australia).
sanguinea M.A. Jones & M.A. Clements in *Austral. Orchid Res.*, 1: 126 (1989)—Australia (S. Australia, W. Australia, Victoria).
spathulata M.A. Clements in *Austral. Orchid Res.*, 1: 127 (1989)—Australia (W. Australia).
taurus M.A. Clements & D. Jones in *Austral. Orchid Res.*, 1: 127 (1989)—Australia (Queensland).
tunstallii D. Jones & M.A. Clements in *Austral. Orchid Res.*, 1: 128 (1989)—Australia (New South Wales).
xerophila M.A. Clements in *Fl. S. Australia*, 4: 2130 (1986)—Australia (S. Australia, Victoria).

PTEROTETRACOILANTHUS F. Rappa & V. Camarrone in *Lav. Ist. Bot. Giard. Colon. Palermo*, 18: 22 (1962), without type. *AZOACEAE*.

PTEROTHECA (Compos.).

- aralensis* A. Bunge, *Beitr. Fl. Russl.*: 207 (1852)—U.S.S.R. (Middle Asia).†

PTEROTHRIX (Compos.).

- tecta* F. Brusse in *Bothalia*, 20(1): 67 (1990)—South Africa (Cape Province).

PTERYGODIUM (Orchidac.).

- schelpei* H.P. Linder in *S. Afr. J. Bot.*, 54(5): 496 (1988)—South Africa (Cape Province).

PTERYGOTA (Sterculiac.).

- alata* (Roxb.) R. Brown *Proterocymbium*: 234 (4 June 1844): *Sterculia alata*.†

PTILOTRICHUM (Crucif.).

- cyclocarpum*
subsp. pindicum P. Hartvig in A. Strid (ed.), *Mount. Fl. Greece*, 1: 305 (1986)—Greece, Albania.

PTILOTUS (Amaranthac.).

- barkeri* G. Benl in *J. Adelaide Bot. Gard.*, 11(2): 195 (1989)—Australia (S. Australia).
crispus G. Benl in *Nuyssia*, 6(3): 319 (1988)—Australia (W. Australia).

PTYCHOSPERMA (Palmae).

- hentyi* F.B. Essig in *Principes*, 31(3): 113 (1987)—New Guinea (Papua New Guinea).

PTYSSIGLOTTIS (Acanthac.).

- isophylla* (C.B. Clarke) B. Hansen in *Nordic J. Bot.*, 9(2): 214 (1989): *Polytrema isophylla*.
kunthiana (Nees) B. Hansen in *Nordic J. Bot.*, 9(2): 214 (1989): *Asystasia kunthiana*.

PUCGINELLIA (Gramin.).

- subsect. Angustatae* S.V. Ovchinnikova in *Bot. Zhurn.*, 74(12): 1790 (1989).
ser. Angustatae S.V. Ovchinnikova in *Bot. Zhurn.*, 74(12): 1791 (1989).
subsect. Asiaticae S.V. Ovchinnikova in *Bot. Zhurn.*, 74(12): 1788 (1989).
ser. Capillares S.V. Ovchinnikova in *Bot. Zhurn.*, 74(12): 1790 (1989).
subsect. Festuciformes S.V. Ovchinnikova in *Bot. Zhurn.*, 74(12): 1787 (1989).
ser. Jenisseienses S.V. Ovchinnikova in *Bot. Zhurn.*, 74(12): 1791 (1989).
ser. Macrantherae S.V. Ovchinnikova in *Bot. Zhurn.*, 74(12): 1788 (1989).
ser. Montanae S.V. Ovchinnikova in *Bot. Zhurn.*, 74(12): 1789 (1989).
subsect. Orientales S.V. Ovchinnikova in *Bot. Zhurn.*, 74(12): 1790 (1989).
ser. Orientales S.V. Ovchinnikova in *Bot. Zhurn.*, 74(12): 1790 (1989).
sect. Pumilae S.V. Ovchinnikova in *Bot. Zhurn.*, 74(12): 1791 (1989).
ser. Tenuiflorae S.V. Ovchinnikova in *Bot. Zhurn.*, 74(12): 1788 (1989).

PUCGINELLIA :-

- subsect. Vaginatae* S.V. Ovchinnikova in *Bot. Zhurn.*, 74(12): 1791 (1989).
anisoclada
subsp. melderisiana Kit Tan in *Pl. Syst. Evol.*, 154(1-2): 127 (1986)—Turkey.
caespitosa G. Montserrat Martí & J.M. Montserrat Martí in *Collect. Bot.*, 17(1): 82 (1987 publ. 1988)—Spain.
gyirongensis L. Liou in *Fl. Xizangica*, 5: 125 (1987)—Xizang.
howellii J.I. Davis in *Madroño*, 37(1): 55 (1990)—U.S.A. (California).
jacutica S.V. Bubnova in *Bot. Zhurn.*, 73(9): 1331 (1988)—U.S.S.R. (Siberia).
kalininiae S.V. Bubnova in *Bot. Zhurn.*, 73(9): 1332 (1988)—U.S.S.R. (Siberia).
kreczetoviczii S.V. Bubnova in *Bot. Zhurn.*, 73(9): 1334 (1988)—U.S.S.R. (Siberia), Mongolia.
leioplepis L. Liou in *Fl. Xizangica*, 5: 126 (1987)—Xizang.
mongolica (T. Norlindh) S.V. Bubnova in *Bot. Zhurn.*, 73(9): 1336 (1988): *P. tenuiflora* var. *mongolica*.
multiflora L. Liou in *Fl. Xizangica*, 5: 123 (1987)—Xizang.
neglecta (Tzvel.) S.V. Bubnova in *Spis. Rast. Gerb. Fl. SSSR*, 26(131-136): 40 (1988): *P. borealis* subsp. *neglecta*.
pallida (Torrey) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 526 (1987), isonym; see R.T. Clausen in *Rhodora*, 54: 44 (1952): *Windsoria pallida*.
subsp. natans (Komarov) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 526 (1987): *Glyceria natans*.
subsp. viridis (Honda) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 526 (1987): *Glyceria viridis*.
platyglumis L. Liou in *Fl. Xizangica*, 5: 128 (1987)—Xizang.
shuanghuensis L. Liou in *Fl. Xizangica*, 5: 125 (1987)—Xizang.
waginia S.V. Bubnova in *Fl. Sibir. (Poaceae)*, 2: 208 (1990)—U.S.S.R. (Siberia).

PUERARIA (Legumin.).

- edulis*
var. likiangensis P.C. Li in *Acta Bot. Yunnanica*, 11(3): 302 (1989)—China.
lobata
subsp. thomsonii (Benth.) H. Ohashi & Y. Tateishi in *Sci. Rep. Tohoku Univ., Ser. 4*, 39(3): 232 (1988): *P. thomsonii*.
montana
var. chinensis (Ohwi) L.J.G. van der Maesen & S.M. Almeida in *J. Bombay Nat. Hist. Soc.*, 85(1): 234 (1988): *P. lobata* var. *chinensis*.
var. lobata (Ohwi) L.J.G. van der Maesen & S.M. Almeida in *J. Bombay Nat. Hist. Soc.*, 85(1): 234 (1988): *P. lobata* var. *lobata*.
thunbergii
f. alba M.H. Lee in *Korean J. Pl. Taxon.*, 13(2): 109 (1983)—Korea.

PULICARIA (Compos.).

- inuloides* Vahl ex Hornem., *Hort. Hafn.*: 823 (1815); cf. D.J. Mabberley in *Taxon*, 33(3): 437 (1984)—Locality not stated.
omanensis
subsp. milleri E. Gamal-Eldin in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 486 (1986)—Oman.
pulvinata E. Gamal-Eldin in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 481 (1986)—Oman.
salviaefolia A. Bunge, *Beitr. Fl. Russl.*: 155 (1852)—U.S.S.R. (Middle Asia).†

PULMONARIA (Boraginac.).

- helvetica* M. Bolliger, *Pulmonaria in Westeuropa (Phanerogam. Monogr., 8)*: 99 (1982)—Switzerland.
longifolia
subsp. cevennensis M. Bolliger, *Pulmonaria in Westeuropa (Phanerogam. Monogr., 8)*: 50 (1982)—France, Spain.
subsp. delphinensis M. Bolliger, *Pulmonaria in Westeuropa (Phanerogam. Monogr., 8)*: 57 (1982)—France.

PULMONARIA :-

- subsp. glandulosa* M. Bolliger, *Pulmonaria in Westeuropa (Phanerogam. Monogr., 8)*: 61 (1982)—Portugal, Spain.
tuberosa Schmidt ex Mart. in *Denkr. Kön. Akad. Wiss. Münch.*, 5e(7): 175 (1817); cf. D.J. Mabberley in *Taxon*, 33(3): 444 (1984)—Locality not stated.

PULSATILLA (Ranunculac.).

- alpina*
var. fontqueri (Lainz & P. Monts.) A.M. Romo i Diez, *Fl. Veg. Montsec (Pre-Pirineus Catalans)*: 100 (1989): *P. alpina* subsp. *fontqueri*.
cernua
f. plumbea J.X. Ji & Y.T. Zhao in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 69 (1989)—China.
montana
subsp. olympica D.T. Voliotis in *Phyton (Austria)*, 28(1): 88 (1988)—Greece.
rubra
var. montsicciana (O. de Bolòs & J. Vigo) A.M. Romo i Diez, *Fl. Veg. Montsec (Pre-Pirineus Catalans)*: 100 (1989): *Anemone pulsatilla* var. *montsicciana*.
turczaninovii
f. albiflora Y.Z. Zhao in *Acta Sci. Nat. Univ. Intramongolicae*, 19(4): 657 (1988)—China.

PULTENAEA (Legumin.).

- linearifolia* A. Strid in *Pl. Syst. Evol.*, 155(1-4): 344 (1987)—Australia (W. Australia).
rigida
var. ovata J.Z. Weber in *Fl. S. Australia*, 2: 681 (1986)—Australia (S. Australia).

PURSHIA (Rosac.).

- alba* (Goodding) E.I. Golubkova in *Bot. Zhurn.*, 72(6): 776 (1987): *Cowania alba*.
ericifolia (Torr. ex Gray) J. Henrickson in *Phytologia*, 60(6): 468 (1986): *Cowania ericifolia*.
mexicana (D. Don) J. Henrickson in *Phytologia*, 60(6): 468 (27 Aug 1986): *Cowania mexicana*.
mexicana (D. Don) S.L. Welsh in *Great Basin Nat.*, 46(2): 260 (30 Apr 1986): *Cowania mexicana*.
var. stansburiana (Torr.) S.L. Welsh in *Great Basin Nat.*, 46(2): 260 (1986), as 'stansburyi': *Cowania stansburiana*.
pinkavae C.G. Schaack in *Phytologia*, 63(4): 301 (1987)—U.S.A. (Arizona).
plicata (D. Don) J. Henrickson in *Phytologia*, 60(6): 468 (1986): *Cowania plicata*.
stansburiana (Torr.) J. Henrickson in *Phytologia*, 60(6): 468 (1986): *Cowania stansburiana*.
subintegra (Kearney) J. Henrickson in *Phytologia*, 60(6): 468 (1986): *Cowania subintegra*.

PUTTERLICKIA (Celastrac.).

- retrosipinosa* A.E. van Wyk & S.C. Mostert in *S. Afr. J. Bot.*, 53(4): 267 (1987)—South Africa (Natal, Cape Province).

PUYA (Bromeliac.).

- antioquensis* L.B. Smith & R.W. Read in *Rev. Acad. Colomb. Cienc. Exact. Fis. Nat.*, 65: 234 (1989)—Colombia.
gilmartiniae G.S. Varadarajan & A. Flores in *J. Bromeliad Soc.*, 40(4): 161 (1990), as 'gilmartinii'—Chile.
horrida L.B. Smith & R.W. Read in *Rev. Acad. Colomb. Cienc. Exact. Fis. Nat.*, 65: 234 (1989)—Colombia.
ramonii L.B. Smith in *J. Bromeliad Soc.*, 40(2): 57 (1990)—Peru.
solomonii G.S. Varadarajan in *J. Bromeliad Soc.*, 39(3): 121 (1989)—Bolivia.
textoragicolae W. Weber in *Feddes Repert.*, 97(3-4): 101 (1986), nom. nov.: *Pitcairnia weberbaueri* Mez.
werneriana R.W. Read & L.B. Smith in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 58: 5 (1986)—Peru.

PYCNOCYCLA (Umbellif.).

- bashagardiana* V. Mozaffarian in *Iranian J. Bot.*, 3(1): 84 (1985)—Iran.

PYCREUS (Cyperac.).

- bolei *S.M. Almeida in J. Bombay Nat. Hist. Soc.*, 83(1): 180 (1986)—India.
- diaphanus
var. laxus (*Kukenth.*) *H.B. Naithani & S. Biswas in H.B. Naithani, Flow. Pl. India, Nepal & Bhutan*: 471 (1990): *Cyperus latespicatus* var. laxus.
- lancelotii *S.M. Almeida in J. Bombay Nat. Hist. Soc.*, 83(1): 182 (1986)—India.
- polystachyos
var. circinatus (*Ridl.*) *H.B. Naithani & S. Biswas in H.B. Naithani, Flow. Pl. India, Nepal & Bhutan*: 472 (1990): *Cyperus circinatus*.
- subsp. holosericeus (*Link*) *T. Koyama in Bishop Mus. Occas. Pap.*, 29: 125 (1989): *Cyperus holosericeus*.
- subsp. riograndensis *D.A. Simpson in Kew Bull.*, 44(2): 281 (1989)—Brazil.
- sanguinolentus
subsp. cyrtostachys (*Miq.*) *H.B. Naithani & S. Biswas in H.B. Naithani, Flow. Pl. India, Nepal & Bhutan*: 472 (1990): *Cyperus eragrostis* var. cyrtostachys.
- subsp. melanocephalus (*Miq.*) *H.B. Naithani & S. Biswas in H.B. Naithani, Flow. Pl. India, Nepal & Bhutan*: 472 (1990): *Cyperus melanocephalus*.
- subsp. micronux (*Clarke*) *H.B. Naithani & S. Biswas in H.B. Naithani, Flow. Pl. India, Nepal & Bhutan*: 472 (1990): *Cyperus eragrostis* var. micronux.
- subsp. sacer (*Korlahalli*) *H.B. Naithani & S. Biswas in H.B. Naithani, Flow. Pl. India, Nepal & Bhutan*: 473 (1990): *Cyperus sanguinolentus* subsp. sacer.

PYGEUM (Rosac.).

- wilsonii
var. macrophyllum *L.D. Lu in Acta Bot. Yunnanica*, 10(3): 363 (1988)—Xizang.

PYRENARIA (Theac.).

- burmanica *T.K. Paul & M.P. Nayar in J. Jap. Bot.*, 64(1): 8 (1989)—Burma.

PYRETHRUM (Compos.).

- argenteum *G.F. Hoffm., Hort. Mosq.*: 31 (1808); *cf. D.J. Mabberley in Taxon*, 31(1): 72 (1982)—Locality not stated.
- grandiflorum *W.J. Hooker in G.F. Lyon, Brief Narrative of Attempt to reach Repulse Bay, 1824*: 191 (1825)—Canada (N.W. Terr.).
- lacustre (*Brot.*) *Hornem., Hort. Hafn.*: 828 (1815); *cf. D.J. Mabberley in Taxon*, 33(3): 437 (1984): Basionym not stated.
- sovetkinae *S.S. Kovalevskaya in Novosti Sist. Vyssh. Rast.*, 23: 241 (1986)—U.S.S.R. (Middle Asia).

PYRGOPHYLLUM (Gagnep.) T.L. Wu & Z.Y.

- Chen in *Acta Phytotax. Sin.*, 27(2): 126 (1989): *Kaempferia* subgen. *Pyrgophyllum* (*Zingiberac.*).
- yunnanensis (*Gagnep.*) *T.L. Wu & Z.Y. Chen in Acta Phytotax. Sin.*, 27(2): 127 (1989): *Kaempferia yunnanensis*.

PYROLA (Ericac.).

- asarifolia
subsp. incarnata (*DC.*) *E. Haber & H. Takahashi in Bot. Mag. Tokyo*, 101(1064): 492 (1988): *P. rotundifolia* var. *incarnata*.
- rotundifolia
subsp. grandiflora (*Rad.*) *V.G. Sergienko, Fl. poluostrova Kanin*: 80 (1986): *P. grandiflora*.

PYROSTRIA (Rubiac.).

- affinis (*Robyns*) *D.M. Bridson in Kew Bull.*, 42(3): 628 (1987): *Dinocanthium* affine.
- bispathacea (*Mildbr.*) *D.M. Bridson in Kew Bull.*, 42(3): 629 (1987): *Plectronia bispathacea*.
- buxifolia (*Bak.*) *B.P.G. Hochreutiner in Annuaire Conserv. Jard. Bot. Genève*, 11–12: 99 (65) (1980): *Plectronia buxifolia*.†
- hystrix (*Bremek.*) *D.M. Bridson in Kew Bull.*, 42(3): 629 (1987): *Dinocanthium hystrix*.
- lobulata *D.M. Bridson in Kew Bull.*, 42(3): 627 (1987)—Rwanda, Tanzania, Zambia.
- phyllanthoidea (*Baill.*) *D.M. Bridson in Kew Bull.*, 42(3): 629 (1987): *Canthium phyllanthoideum*.

PYROSTRIA :-

- socotrana (*Radcliffe-Smith*) *D.M. Bridson in Kew Bull.*, 42(3): 625 (1987): *Canthium socotranum*.
- subvenia (*K. Schum.*) *B.P.G. Hochreutiner in Annuaire Conserv. Jard. Bot. Genève*, 11–12: 99 (65) (1980): *Plectronia subvenia*.
- syringaeifolia (*Bak.*) *B.P.G. Hochreutiner in Annuaire Conserv. Jard. Bot. Genève*, 11–12: 99 (65) (1980): *Plectronia syringaeifolia*.

PYRUS (Rosac.).

- acutiserrata *V.N. Gladkova in Novosti Sist. Vyssh. Rast.*, 24: 104 (1987)—U.S.S.R. (Caucasus).
- ×amphigenea *Domin ex J. Dostálek in Folia Geobot. Phytotax.*, 24(1): 105 (1989)—Czechoslovakia. (*P. communis* × *pyraster*).
- hostii (*Jacq.*) *Endl., Cat. Horti Vindob.*, 2: 440 (1842); *cf. D.J. Mabberley in Taxon*, 33(3): 436 (1984): Basionym not stated.
- japonica *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14*: 467 (1784)—Japan.†
- latifolia (*Lam.*) *hort. in Hort. Soc. Lond., Cat. Fr.*: 183 (1826); *cf. D.J. Mabberley in Taxon*, 33(3): 443 (1984): Basionym not stated.
- pseudosyrriaca *V.N. Gladkova in Novosti Sist. Vyssh. Rast.*, 26: 107 (1989)—U.S.S.R. (Caucasus).
- pyrifolia
var. talyshensis *V.N. Gladkova in Novosti Sist. Vyssh. Rast.*, 25: 100 (1988)—U.S.S.R. (Caucasus).
- ussuriensis
var. heterophylla *V.N. Gladkova in Novosti Sist. Vyssh. Rast.*, 25: 102 (1988)—U.S.S.R. (Caucasus).

Q

QAISERA S. Omer in *Bot. Jahrb.*, 111(2): 206 (1989).**GENTIANACEAE.**

- carinata (*D. Don*) *S. Omer in Bot. Jahrb.*, 111(2): 208 (1989): *Erythalia carinata*.
- coronata (*D. Don ex Royle*) *S. Omer in Bot. Jahrb.*, 111(2): 210 (1989): *Eurythalia coronata*.
- hugelii (*Griseb.*) *S. Omer in Bot. Jahrb.*, 111(2): 210 (1989): *Gentiana hugelii*.

QIONGZHUEA (Gramin.).

- intermedia *C.J. Hsueh & D.Z. Li in Acta Bot. Yunnanica*, 10(1): 53 (1988)—China.
- macrophylla
f. leiboensis *C.J. Hsueh & D.Z. Li in Acta Bot. Yunnanica*, 10(1): 51 (1988)—China.
- maculata *T.H. Wen in J. Bamboo Res.*, 5(2): 22 (1986)—China.
- montigena *T.P. Yi in J. Bamboo Res.*, 9(3): 28 (1990)—China.
- unifolia *T.P. Yi in J. Bamboo Res.*, 9(1): 27 (1990)—China.
- verruculosa *T.P. Yi in Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 65 (1988)—China.

QUADRANGULA M.G. Baumann-Bodenheim, *Syst. Fl. Neu-Caledonien*, 4: 102 (1988 publ. Jan. 1989), nom. nov., without replaced synonym ref.; et *Syst. Fl. Neu-Caledonien*, 5: 97 (May 1989), without replaced synonym ref.: *Casuarina* § *Gymnostoma* Poiss. (*Casuarinac.*).

chamaecyparis (*Poiss.*) *M.G. Baumann-Bodenheim, Syst. Fl. Neu-Caledonien*, 4: 102 (1988 publ. Jan. 1989), without basionym ref.; et *Syst. Fl. Neu-Caledonien*, 5: 97 (May 1989), without basionym page: *Casuarina chamaecyparis*.

deplancheana (*Miq.*) *M.G. Baumann-Bodenheim, Syst. Fl. Neu-Caledonien*, 4: 102 (1988 publ. Jan. 1989), without basionym ref.; et *Syst. Fl. Neu-Caledonien*, 5: 97 (May 1989), without basionym page: *Casuarina deplancheana*.

QUALEA (Vochysiace.).

- brasiliiana *Stafleu & L. Marcano Berti in Pittieria*, 13: 8 (1986)—Brazil.

QUALEA :-

- hannekesaskiarum *L. Marcano Berti in Pittieria*, 13: 5 (1986)—Brazil.
- mori-boomii *L. Marcano-Berti in Pittieria*, 18: 5 (1989)—French Guiana.
- panamensis *L. Marcano-Berti in Pittieria*, 18: 5 (1989)—Panama.
- wurdackii *L. Marcano Berti in Pittieria*, 13: 7 (1986)—Venezuela.

QUAMOCLIT (Convolvulac.).

- sect. *Coccinea* *T.G. Buch in Bot. Zhurn.*, 73(6): 900 (1988).
- oculatus *Naud. ex Huber, Cat. Gén. 1870 & 1871*: 6 (1870); *cf. D.J. Mabberley in Taxon*, 34(3): 452 (1985)—Locality not stated.
- purpureus *Huber, Cat. Gén. 1870 & 1871*: 6 (1870); *cf. D.J. Mabberley in Taxon*, 34(3): 451 (1985)—Locality not stated.

QUARARIBEA (Bombacac.).

- aurantiocalyx *W.S. Alverson in Brittonia*, 41(1): 68 (1989)—Costa Rica, Panama.
- costaricensis *W.S. Alverson in Brittonia*, 41(1): 70 (1989)—Costa Rica.
- funebriis
subsp. nicaraguensis *W.S. Alverson in Ann. Missouri Bot. Gard.*, 74(4): 919 (1987 publ. 1988)—Nicaragua.
- gomeziana *W.S. Alverson in Brittonia*, 41(1): 61 (1989)—Costa Rica, Panama.
- longipes (*Little*) *O.M. Montiel in Phytologia*, 64(5): 336 (1988): *Matisia longipes*.
- pendula *W.S. Alverson in Brittonia*, 41(1): 64 (1989)—Costa Rica, Panama.
- santaritensis *W.S. Alverson in Brittonia*, 41(1): 66 (1989)—Panama.

QUATERNELLA T.M. Pedersen in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 12(1): 92 (1990). **AMARANTHACEAE.**

- confusa *T.M. Pedersen in Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 12(1): 94 (1990)—Brazil.

QUELTIA (Amaryllidac.).

- capax *Salisb. ex Haw., Suppl. Pl. Succ.*: 128 (1819); *cf. D.J. Mabberley in Taxon*, 31(1): 71 (1982)—Locality not stated.

QUERCUS (Fagac.).

- acuta *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14*: 858 (1784)—Japan.†
- ×alienocrispula *H. Ohba in J. Jap. Bot.*, 64(11): 322 (1989)—Japan. (*Q. aliena* × *crispula*).
- bawanglingensis *C.C. Huang, Z.X. Li & F.W. Xing in Guihaia*, 10(1): 10 (1990), contrary to Art. 37.5 ICBN (1988)—Hainan.
- ×beckya *B.D. Gaynor in Mich. Bot.*, 26(2): 65 (1987)—U.S.A. (Michigan). (*Q. macrocarpa* × *prinoides*).
- crispula
var. horikawae *H. Ohba in J. Jap. Bot.*, 64(11): 321 (1989)—Japan.
- cuspidata *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14*: 858 (1784)—Japan.†
- dentata *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14*: 858 (1784)—Japan.†
- faginea
var. oscensis *P. Montserrat in Soc. Ech. Pl. Vasc. Eur. Bassin Médit. Bull.*, 22: 62 (1986–87 publ. 1988)—Spain.
- frainetto *M. Tenore, Fl. Napol.* 1, Prodr. Supp. II: lxxii (?1813)—Italy.
- gambelii
var. bonina *S.L. Welsh in Great Basin Nat.*, 46(1): 108 (1986)—U.S.A. (Utah).
- glabra *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14*: 858 (1784)—Japan.†
- glauca *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14*: 858 (1784)—Japan.†
- var. podocypula *C.F. Shen in C.F. Shen & T.S. Liu, Taxon. & Pollen Morph. Fagaceae Taiwan*: 53 (1984)—Taiwan.
- gussonei (*Borzi*) *S. Brullo in Not. Fitosoc.*, 19(1): 205 (1984): *Q. cerris* var. *gussonei*.

QUERCUS :-

- havardii*
var. *tuckeri* S.L. Welsh in *Great Basin Nat.*, 46(1): 109 (1986)—U.S.A (Utah).
- humilis*
subsp. *lanuginosa* (Lam.) J. do Amaral Franco & G. López González in *An. Jard. Bot. Madrid*, 44(2): 557 (1987): Q. *robur* var. *lanuginosa*.
- liaoii* C.F. Shen in C.F. Shen & T.S. Liu, *Taxon. & Pollen Morph. Fagaceae Taiwan*: 55 (1984)—Taiwan.
- longinux*
var. *kuoi* (Liao) C.F. Shen in C.F. Shen & T.S. Liu, *Taxon. & Pollen Morph. Fagaceae Taiwan*: 56 (1984): *Cyclobalanopsis longinux* var. *kuoi*.
- mongolica*
var. *crispula* (Blume) H. Ohashi in *J. Jap. Bot.*, 63(1): 13 (1988): Q. *crispula*.
- ningqiangensis* S.Z. Qu & W.H. Zhang in *Acta Bot. Bor.-Occid. Sin.*, 6(1): 52 (1986)—China.
- petraea*
subsp. *huguetiana* J. do Amaral Franco & G. López González in *An. Jard. Bot. Madrid*, 44(2): 556 (1987)—Spain.
- salicina*
f. angusta (Nakai) H. Ohba in *J. Jap. Bot.*, 64(11): 323 (1989): Q. *stenophylla* var. *angusta*.
var. *asiatica* C.F. Shen in C.F. Shen & T.S. Liu, *Taxon. & Pollen Morph. Fagaceae Taiwan*: 63 (1984)—Taiwan.
f. latifolia (Nakai) H. Ohba in *J. Jap. Bot.*, 64(11): 323 (1989): Q. *stenophylla* var. *latifolia*.
var. *stenophylloides* (Hayata) S.S. Ying in *Quart. J. Chinese Forest.*, 21(2): 112 (1988): Q. *stenophylloides*.
- semicarpifolia*
var. *miyabei* (Hayata) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 3: 195 (1988): Q. *spinosa* var. *miyabei*.
- tsinglingensis* Liou ex S.Z. Qu & W.H. Zhang in *Acta Bot. Bor.-Occid. Sin.*, 6(1): 54 (1986)—China.
- × *wagneri* B.D. Gaynor in *Mich. Bot.*, 26(2): 67 (1987)—U.S.A. (Michigan). (Q. *bicolor* × *prinoides*).

QUESNELIA (Bromeliac.).

- edmundoi*
var. *intermedia* E. Pereira & E.M.C. Leme in *Brasil Florest.*, 13(59): 41 (1984)—Brazil.

QUIINA (Quiinac.).

- colonensis* (W.G. D'Arcy) W.G. D'Arcy, *Fl. Panama Checklist & Index*, 2 (Monogr. Syst. Bot. Missouri Bot. Gard. 18): 534, 337 (1987): *Lacunaria colonensis*.

QUINQUEREMULUS Paul G. Wilson in Nuytsia, 6(1): 1 (1987). COMPOSITAE.

- linearis* Paul G. Wilson in *Nuytsia*, 6(1): 1 (1987)—Australia (W. Australia).

R

RABDOSIA (Labiata).

- excisa*
var. *chiisanensis* (Nakai) G. Murata in *Acta Phytotax. Geobot.*, 40(1-4): 100 (1989): *Amethystanthus excisus* var. *chiisanensis*.
- megathyrroides* H.W. Li in *Fl. Xizangica*, 4: 221 (1985)—Xizang.
- rubescens*
f. lushanensis Z.Y. Gao & Y.R. Li in *Acta Phytotax. Sin.*, 24(1): 15 (1986)—China.
var. *lushiensis* Z.Y. Gao & Y.R. Li in *Acta Phytotax. Sin.*, 24(1): 16 (1986)—China.
var. *taihangensis* Z.Y. Gao & Y.R. Li in *Acta Phytotax. Sin.*, 24(1): 15 (1986)—China.

RACEMOBAMBOS (Gramin.).

- ciliata* (A. Camus) C.S. Chao & S.A. Renvoize in *Kew Bull.*, 44(2): 365 (1989): *Arundinaria ciliata*.

RACEMOBAMBOS :-

- microphylla* (Hsueh & Yi) Keng f. & T.H. Wen in *J. Bamboo Res.*, 5(2): 13 (1986): *Neomicrocalamus microphyllus*.
prainii (Gamble) Keng f. & T.H. Wen in *J. Bamboo Res.*, 5(2): 13 (1986): *Microcalamus prainii*.
yunnanensis T.H. Wen in *J. Bamboo Res.*, 5(2): 11 (1986)—China.

RACOSPERMA C. Martius in Hortus Regius

- Monacensis* Seminerifer (1835); cf. L. Pedley in *Bot. J. Linn. Soc.*, 92(3): 239 (1986), nom. nov.: *Acacia* sect. *Phyllodineae* A.P. de Candolle (Legumin.).
sect. *Lycopodiifolia* (Pedley) L. Pedley in *Bot. J. Linn. Soc.*, 92(3): 240 (1986): *Acacia* sect. *Lycopodiifoliae*.
sect. *Plurinervia* (Bentham) L. Pedley in *Bot. J. Linn. Soc.*, 92(3): 240 (1986): *Acacia* ser. *Plurinerves*.
sect. *Pulchella* (Bentham) L. Pedley in *Bot. J. Linn. Soc.*, 92(3): 240 (1986): *Acacia* ser. *Pulchellae*.
acradenia (F. Muell.) L. Pedley in *Austrobaileya*, 2(4): 344 (1987): *Acacia acradenia*.
adenogonium L. Pedley in *Austrobaileya*, 2(4): 316 (1987), nom. nov.: *Acacia deltoidea* var. *pungens* Bentham.
adsurgens (Maiden & Blakely) L. Pedley in *Austrobaileya*, 2(4): 344 (1987): *Acacia adsurgens*.
aduncum (Cunn. ex G. Don) L. Pedley in *Austrobaileya*, 2(4): 344 (1987): *Acacia adunca*.
allenianum (Maiden) L. Pedley in *Austrobaileya*, 2(4): 344 (1987): *Acacia alleniana*.
amblygonum (Cunn. ex Benth.) L. Pedley in *Austrobaileya*, 2(4): 344 (1987): *Acacia amblygona*.
ammobium (Maconochie) L. Pedley in *Bot. J. Linn. Soc.*, 92(3): 247 (1986): *Acacia ammobia*.
ammophilum (Pedley) L. Pedley in *Austrobaileya*, 2(4): 344 (1987): *Acacia ammophila*.
ancistrocarpum (Maiden & Blakely) L. Pedley in *Austrobaileya*, 2(4): 344 (1987): *Acacia ancistrocarpa*.
aneurum (F. Muell. ex Benth.) L. Pedley in *Austrobaileya*, 2(4): 344 (1987): *Acacia aneura*.
angustum (Maiden & Blakely) L. Pedley in *Austrobaileya*, 2(4): 344 (1987): *Acacia angusta*.
apreptum (Pedley) L. Pedley in *Austrobaileya*, 2(4): 344 (1987): *Acacia aprepta*.
argyraeum (Tindale) L. Pedley in *Austrobaileya*, 2(4): 344 (1987): *Acacia argyrea*.
argyrodendron (Domin) L. Pedley in *Austrobaileya*, 2(4): 345 (1987): *Acacia argyrodendron*.
armillatum L. Pedley in *Austrobaileya*, 2(4): 325 (1987)—Australia (Queensland).
armitii (F. Muell. ex Maiden) L. Pedley in *Austrobaileya*, 2(4): 345 (1987): *Acacia armitii*.
asperulaceum (F. Muell.) L. Pedley in *Austrobaileya*, 2(4): 345 (1987): *Acacia asperulacea*.
attenuatum (Maiden & Blakely) L. Pedley in *Austrobaileya*, 2(4): 345 (1987): *Acacia attenuata*.
aulacocarpum (Cunn. ex Benth.) L. Pedley in *Austrobaileya*, 2(4): 345 (1987): *Acacia aulacocarpa*.
var. *fruticosum* (C. White) L. Pedley in *Austrobaileya*, 2(4): 345 (1987): *Acacia aulacocarpa* var. *fruticosa*.
auriculiforme (Cunningham ex Bentham) L. Pedley in *Bot. J. Linn. Soc.*, 92(3): 247 (1986): *Acacia auriculiformis*.
axillare (Bentham) L. Pedley in *Bot. J. Linn. Soc.*, 92(3): 248 (1986): *Acacia axillaris*.
bauerlenii (Maiden & R. Baker) L. Pedley in *Austrobaileya*, 2(4): 345 (1987): *Acacia bauerlenii*.
baileyana (F. Muell.) L. Pedley in *Austrobaileya*, 2(4): 345 (1987): *Acacia baileyana*.
bakeri (Maiden) L. Pedley in *Austrobaileya*, 2(4): 345 (1987): *Acacia bakeri*.
bancroftii (Maiden) L. Pedley in *Austrobaileya*, 2(4): 345 (1987): *Acacia bancroftii*.
baueri (Benth.) L. Pedley in *Austrobaileya*, 2(4): 345 (1987): *Acacia baueri*.
beckleri (Tindale) L. Pedley in *Bot. J. Linn. Soc.*, 92(3): 248 (1986): *Acacia beckleri*.
betchei (Maiden & Blakely) L. Pedley in *Austrobaileya*, 2(4): 345 (1987): *Acacia betchei*.
binervatum (DC.) L. Pedley in *Austrobaileya*, 2(4): 345 (1987): *Acacia binervata*.
blakei (Pedley) L. Pedley in *Austrobaileya*, 2(4): 345 (1987): *Acacia blakei*.

RACOSPERMA :-

- subsp. *diphyllum* (Tindale) L. Pedley in *Austrobaileya*, 2(4): 345 (1987): *Acacia diphylla*.
brachycarpum (Pedley) L. Pedley in *Austrobaileya*, 2(4): 345 (1987): *Acacia brachycarpa*.
brachystachyum (Benth.) L. Pedley in *Austrobaileya*, 2(4): 345 (1987): *Acacia brachystachya*.
brassii (Pedley) L. Pedley in *Austrobaileya*, 2(4): 345 (1987): *Acacia brassii*.
brownii (Poiret) L. Pedley in *Austrobaileya*, 2(4): 346 (1987): *Mimosa brownii*.
brunioides (Cunn. ex G. Don) L. Pedley in *Austrobaileya*, 2(4): 346 (1987): *Acacia brunioides*.
subsp. *graniticum* (Pedley) L. Pedley in *Austrobaileya*, 2(4): 346 (1987): *Acacia brunioides* subsp. *granitica*.
burbidgeae (Pedley) L. Pedley in *Austrobaileya*, 2(4): 346 (1987): *Acacia burbidgeae*.
burrowii (Maiden) L. Pedley in *Austrobaileya*, 2(4): 346 (1987): *Acacia burrowii*.
buxifolium (Cunn.) L. Pedley in *Austrobaileya*, 2(4): 346 (1987): *Acacia buxifolia*.
subsp. *pubiflorum* (Pedley) L. Pedley in *Austrobaileya*, 2(4): 346 (1987): *Acacia buxifolia* subsp. *pubiflora*.
calanthum (Pedley) L. Pedley in *Austrobaileya*, 2(4): 346 (1987): *Acacia calantha*.
calicicola (Forde & Ising) L. Pedley in *Austrobaileya*, 2(4): 346 (1987): *Acacia calicicola*.
calyculatum (Cunn. ex Benth.) L. Pedley in *Austrobaileya*, 2(4): 346 (1987): *Acacia calyculata*.
campagei (R. Baker) L. Pedley in *Austrobaileya*, 2(4): 346 (1987): *Acacia campagei*.
canum (Maiden) L. Pedley in *Austrobaileya*, 2(4): 346 (1987): *Acacia cana*.
caroleae (Pedley) L. Pedley in *Austrobaileya*, 2(4): 346 (1987): *Acacia caroleae*.
catenulatum (C. White) L. Pedley in *Austrobaileya*, 2(4): 346 (1987): *Acacia catenulata*.
centrinervium (Maiden & Blakely) L. Pedley in *Austrobaileya*, 2(4): 346 (1987): *Acacia centrinervia*.
chinchillense (Tindale) L. Pedley in *Austrobaileya*, 2(4): 346 (1987): *Acacia chinchillensis*.
chippendalei (Pedley) L. Pedley in *Austrobaileya*, 2(4): 346 (1987): *Acacia chippendalei*.
chisholmii (Bailey) L. Pedley in *Austrobaileya*, 2(4): 346 (1987): *Acacia chisholmii*.
cincinnatum (F. Muell.) L. Pedley in *Austrobaileya*, 2(4): 347 (1987): *Acacia cincinnata*.
complanatum (Cunn. ex Benth.) L. Pedley in *Austrobaileya*, 2(4): 347 (1987): *Acacia complanata*.
concurrans (Pedley) L. Pedley in *Bot. J. Linn. Soc.*, 92(3): 248 (1986): *Acacia concurrans*.
confertum (Cunn. ex Benth.) L. Pedley in *Austrobaileya*, 2(4): 347 (1987): *Acacia conferta*.
confluens (Maiden & Blakely) L. Pedley in *Bot. J. Linn. Soc.*, 92(3): 248 (1986): *Acacia confluens*.
confusum (Merrill) L. Pedley in *Bot. J. Linn. Soc.*, 92(3): 248 (1986): *Acacia confusa*.
conjunctifolium (F. Muell.) L. Pedley in *Austrobaileya*, 2(4): 347 (1987): *Acacia conjunctifolia*.
coriaceum (DC.) L. Pedley in *Bot. J. Linn. Soc.*, 92(3): 248 (1986): *Acacia coriacea*.
cowleanum (Tate) L. Pedley in *Austrobaileya*, 2(4): 347 (1987): *Acacia cowleana*.
crassicaerpa (Cunn. ex Benth.) L. Pedley in *Austrobaileya*, 2(4): 347 (1987): *Acacia crassicaerpa*.
crassum (Pedley) L. Pedley in *Austrobaileya*, 2(4): 347 (1987): *Acacia crassa*.
subsp. *longicomum* (Pedley) L. Pedley in *Austrobaileya*, 2(4): 347 (1987): *Acacia crassa* subsp. *longicoma*.
cretatum (Pedley) L. Pedley in *Austrobaileya*, 2(4): 347 (1987): *Acacia cretata*.
crombiei (C. White) L. Pedley in *Bot. J. Linn. Soc.*, 92(3): 247 (1986): *Acacia crombiei*.
cultriforme (Cunn. ex G. Don) L. Pedley in *Austrobaileya*, 2(4): 347 (1987): *Acacia cultriformis*.
curranii (Maiden) L. Pedley in *Austrobaileya*, 2(4): 347 (1987): *Acacia curranii*.
cyperophyllum (F. Muell. ex Benth.) L. Pedley in *Austrobaileya*, 2(4): 347 (1987): *Acacia cyperophylla*.
dawsonii (R. Baker) L. Pedley in *Austrobaileya*, 2(4): 347 (1987): *Acacia dawsonii*.

RACOSPERMA :—

- dealbatum (*Link*) *L. Pedley in Austrobaileya*, 2(4): 358 (1987): *Acacia dealbata*.
- deanei (*R.T. Baker*) *L. Pedley in Bot. J. Linn. Soc.*, 92(3): 248 (1986): *Acacia decurrens* var. *deanei*.
- debile (*Tindale*) *L. Pedley in Austrobaileya*, 2(4): 347 (1987): *Acacia debilis*.
- decorum (*H.G. Reichb.*) *L. Pedley in Austrobaileya*, 2(4): 347 (1987): *Acacia decora*.
- decurrens (*Willd.*) *L. Pedley in Austrobaileya*, 2(4): 358 (1987): *Acacia decurrens*.
- deltoidum (*Cunn. ex G. Don*) *L. Pedley in Austrobaileya*, 2(4): 315 (1987): *Acacia deltoidea*.
- deutoneurum (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 347 (1987): *Acacia deutoneura*.
- dictyophlebium (*F. Muell.*) *L. Pedley in Austrobaileya*, 2(4): 347 (1987): *Acacia dictyophleba*.
- diétrichianum (*F. Muell.*) *L. Pedley in Austrobaileya*, 2(4): 347 (1987): *Acacia diétrichiana*.
- difficile (*Maiden*) *L. Pedley in Austrobaileya*, 2(4): 348 (1987): *Acacia difficilis*.
- dimidiatum (*Benth.*) *L. Pedley in Austrobaileya*, 2(4): 348 (1987): *Acacia dimidiata*.
- drepanocarpum (*F. Muell.*) *L. Pedley in Austrobaileya*, 2(4): 348 (1987): *Acacia drepanocarpa*.
- subsp. *latifolium* (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 348 (1987): *Acacia drepanocarpa* subsp. *latifolia*.
- elatum (*Cunn. ex Benth.*) *L. Pedley in Austrobaileya*, 2(4): 358 (1987): *Acacia elata*.
- ensifolium (*Pedley*) *L. Pedley in Bot. J. Linn. Soc.*, 92(3): 248 (1986): *Acacia ensifolia*.
- eremophiloides (*Pedley & P. Forster*) *L. Pedley in Austrobaileya*, 2(4): 348 (1987): *Acacia eremophiloides*.
- estrophiolatum (*F. Muell.*) *L. Pedley in Austrobaileya*, 2(4): 348 (1987): *Acacia estrophiolata*.
- everistii (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 348 (1987): *Acacia everistii*.
- excelsum (*Benth.*) *L. Pedley in Austrobaileya*, 2(4): 348 (1987): *Acacia excelsa*.
- subsp. *angustum* (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 348 (1987): *Acacia excelsa* subsp. *angusta*.
- falcatum (*Willd.*) *L. Pedley in Bot. J. Linn. Soc.*, 92(3): 248 (1986): *Acacia falcata*.
- falciforme (*DC.*) *L. Pedley in Austrobaileya*, 2(4): 348 (1987): *Acacia falciformis*.
- fasciculiferum (*F. Muell. ex Benth.*) *L. Pedley in Austrobaileya*, 2(4): 348 (1987): *Acacia fasciculifera*.
- filicifolium (*Cheel & Welch*) *L. Pedley in Austrobaileya*, 2(4): 348 (1987): *Acacia filicifolia*.
- fimbriatum (*Cunn. ex G. Don*) *L. Pedley in Austrobaileya*, 2(4): 348 (1987): *Acacia fimbriata*.
- flavescens (*Cunn. ex Benth.*) *L. Pedley in Austrobaileya*, 2(4): 348 (1987): *Acacia flavescens*.
- fleckeri (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 348 (1987): *Acacia fleckeri*.
- flexifolium (*Cunn. ex Benth.*) *L. Pedley in Austrobaileya*, 2(4): 348 (1987): *Acacia flexifolia*.
- floribundum (*Vent.*) *L. Pedley in Austrobaileya*, 2(4): 348 (1987): *Mimosa floribunda*.
- floydii (*Tindale*) *L. Pedley in Austrobaileya*, 2(4): 348 (1987): *Acacia floydii*.
- froggattii (*Maiden*) *L. Pedley in Austrobaileya*, 2(4): 318 (1987): *Acacia froggattii*.
- galioides (*Benth.*) *L. Pedley in Austrobaileya*, 2(4): 349 (1987): *Acacia galioides*.
- georgense (*Tindale*) *L. Pedley in Bot. J. Linn. Soc.*, 92(3): 248 (1986): *Acacia georgensis*.
- georginae (*Bailey*) *L. Pedley in Austrobaileya*, 2(4): 349 (1987): *Acacia georginae*.
- gittinsii (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 349 (1987): *Acacia gittinsii*.
- glaucoarpum (*Maiden & Blakely*) *L. Pedley in Austrobaileya*, 2(4): 349 (1987): *Acacia glaucocarpa*.
- gnidium (*Benth.*) *L. Pedley in Austrobaileya*, 2(4): 349 (1987): *Acacia gnidium*.
- gonocladum (*F. Muell.*) *L. Pedley in Austrobaileya*, 2(4): 349 (1987): *Acacia gonoclada*.
- grandifolium (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 349 (1987): *Acacia grandifolia*.
- graniticum (*Maiden*) *L. Pedley in Austrobaileya*, 2(4): 349 (1987): *Acacia granitica*.

RACOSPERMA :—

- gunnii (*Benth.*) *L. Pedley in Austrobaileya*, 2(4): 349 (1987): *Acacia gunnii*.
- guymeri (*Tindale*) *L. Pedley in Austrobaileya*, 2(4): 349 (1987): *Acacia guymeri*.
- hakeoides (*Cunn. ex Benth.*) *L. Pedley in Austrobaileya*, 2(4): 349 (1987): *Acacia hakeoides*.
- hammondii (*Maiden*) *L. Pedley in Austrobaileya*, 2(4): 349 (1987): *Acacia hammondii*.
- handonis (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 349 (1987): *Acacia handonis*.
- harpophyllum (*F. Muell. ex Benth.*) *L. Pedley in Austrobaileya*, 2(4): 349 (1987): *Acacia harpophylla*.
- hemignostum (*F. Muell.*) *L. Pedley in Austrobaileya*, 2(4): 349 (1987): *Acacia hemignosta*.
- hemsleyi (*Maiden*) *L. Pedley in Austrobaileya*, 2(4): 349 (1987): *Acacia hemsleyi*.
- hillianum (*Maiden*) *L. Pedley in Austrobaileya*, 2(4): 349 (1987): *Acacia hilliana*.
- hockingsii (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 349 (1987): *Acacia hockingsii*.
- holosericeum (*Cunn. ex G. Don*) *L. Pedley in Austrobaileya*, 2(4): 349 (1987): *Acacia holosericea*.
- holotrichum (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 350 (1987): *Acacia holotricha*.
- homalocladium (*F. Muell.*) *L. Pedley in Austrobaileya*, 2(4): 350 (1987): *Acacia homaloclada*.
- hubbardianum (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 350 (1987): *Acacia hubbardiana*.
- humifusum (*Cunn. ex Benth.*) *L. Pedley in Austrobaileya*, 2(4): 350 (1987): *Acacia humifusa*.
- hyaloneurum (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 350 (1987): *Acacia hyaloneura*.
- hylonomum (*Pedley*) *L. Pedley in Bot. J. Linn. Soc.*, 92(3): 248 (1986): *Acacia hylonoma*.
- implexum (*Benth.*) *L. Pedley in Austrobaileya*, 2(4): 350 (1987): *Acacia implexa*.
- irroratum (*Sieber ex Sprengel*) *L. Pedley in Austrobaileya*, 2(4): 350 (1987): *Acacia irrorata*.
- islanum (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 350 (1987): *Acacia islana*.
- ixiophyllum (*Benth.*) *L. Pedley in Austrobaileya*, 2(4): 350 (1987): *Acacia ixiophylla*.
- ixodes (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 350 (1987): *Acacia ixodes*.
- jackesianum (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 350 (1987): *Acacia jackesiana*.
- johnsonii (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 350 (1987): *Acacia johnsonii*.
- jucundum (*Maiden & Blakely*) *L. Pedley in Austrobaileya*, 2(4): 350 (1987): *Acacia jucunda*.
- juliferum (*Benth.*) *L. Pedley in Bot. J. Linn. Soc.*, 92(3): 248 (1986): *Acacia julifera*.
- subsp. *curvinervium* (*Maiden*) *L. Pedley in Austrobaileya*, 2(5): 571 (1988): *Acacia curvinervia*.
- subsp. *gilbertense* (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 350 (1987): *Acacia julifera* subsp. *gilbertensis*.
- juncifolium (*Benth.*) *L. Pedley in Austrobaileya*, 2(4): 350 (1987): *Acacia juncifolia*.
- kauaiense (*Hillebrand*) *L. Pedley in Bot. J. Linn. Soc.*, 92(3): 248 (1986): *Acacia kauaiensis*.
- kempeanum (*F. Muell.*) *L. Pedley in Austrobaileya*, 2(4): 350 (1987): *Acacia kempeana*.
- koa (*A. Gray*) *L. Pedley in Bot. J. Linn. Soc.*, 92(3): 248 (1986): *Acacia koa*.
- laccatum (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 350 (1987): *Acacia laccata*.
- lanigerum (*Cunn.*) *L. Pedley in Austrobaileya*, 2(4): 350 (1987): *Acacia lanigera*.
- latescens (*Benth.*) *L. Pedley in Austrobaileya*, 2(5): 571 (1988): *Acacia latescens*.
- latifolium (*Benth.*) *L. Pedley in Austrobaileya*, 2(4): 350 (1987): *Acacia latifolia*.
- latisepalum (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 351 (1987): *Acacia latisepala*.
- lautum (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 351 (1987): *Acacia lauta*.
- lazaridis (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 351 (1987): *Acacia lazaridis*.
- legnotum (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 351 (1987): *Acacia legnota*.
- leichhardtii (*Benth.*) *L. Pedley in Austrobaileya*, 2(4): 351 (1987): *Acacia leichhardtii*.
- leicalyx (*Domin*) *L. Pedley in Austrobaileya*, 2(4): 351 (1987): *Acacia glaucescens* var. *leicalyx*.

RACOSPERMA :—

- leptocarpum (*Cunn. ex Benth.*) *L. Pedley in Austrobaileya*, 2(4): 351 (1987): *Acacia leptocarpa*.
- leptolobum (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 351 (1987): *Acacia leptoloba*.
- leptostachyum (*Benth.*) *L. Pedley in Austrobaileya*, 2(4): 351 (1987): *Acacia leptostachya*.
- leucocladum (*Tindale*) *L. Pedley in Austrobaileya*, 2(4): 351 (1987): *Acacia leucoclada*.
- subsp. *argentifolium* (*Tindale*) *L. Pedley in Austrobaileya*, 2(4): 351 (1987): *Acacia leucoclada* subsp. *argentifolia*.
- ligulatum (*Cunn. ex Benth.*) *L. Pedley in Austrobaileya*, 2(4): 351 (1987): *Acacia ligulata*.
- limbatum (*F. Muell.*) *L. Pedley in Austrobaileya*, 2(4): 351 (1987): *Acacia limbata*.
- lineatum (*Cunn. ex G. Don*) *L. Pedley in Austrobaileya*, 2(4): 351 (1987): *Acacia lineata*.
- longipedunculatum (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 351 (1987): *Acacia longipedunculata*.
- longispicatum (*Benth.*) *L. Pedley in Austrobaileya*, 2(4): 351 (1987): *Acacia longispicata*.
- subsp. *velutinum* (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 351 (1987): *Acacia longispicata* subsp. *velutina*.
- longissimum (*H. Wendl.*) *L. Pedley in Austrobaileya*, 2(4): 352 (1987): *Acacia longissima*.
- lorolobum (*Tindale*) *L. Pedley in Austrobaileya*, 2(4): 352 (1987): *Acacia loroloba*.
- lycopodiifolium (*Cunn. ex Hooker*) *L. Pedley in Bot. J. Linn. Soc.*, 92(3): 240 (1986): *Acacia lycopodiifolia*.
- lysiplioium (*F. Muell.*) *L. Pedley in Austrobaileya*, 2(4): 352 (1987): *Acacia lysiiphloia*.
- macdonnellense (*Maconochie*) *L. Pedley in Bot. J. Linn. Soc.*, 92(3): 248 (1986): *Acacia macdonnellensis*.
- macradenium (*Benth.*) *L. Pedley in Austrobaileya*, 2(4): 352 (1987): *Acacia macradenia*.
- maidenii (*F. Muell.*) *L. Pedley in Austrobaileya*, 2(4): 352 (1987): *Acacia maidenii*.
- maitlandii (*F. Mueller*) *L. Pedley in Bot. J. Linn. Soc.*, 92(3): 248 (1986): *Acacia maitlandii*.
- mangium (*Willd.*) *L. Pedley in Austrobaileya*, 2(4): 352 (1987): *Acacia mangium*.
- maranoense (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 352 (1987): *Acacia maranoensis*.
- mearnsii (*De Wilde*) *L. Pedley in Bot. J. Linn. Soc.*, 92(3): 249 (1986); *et in Austrobaileya*, 2(4): 358 (1987): *Acacia mearnsii*.
- megalanthum (*F. Muell.*) *L. Pedley in Austrobaileya*, 2(4): 352 (1987): *Acacia megalantha*.
- meiospermum *L. Pedley in Austrobaileya*, 2(4): 321 (1987)—Australia (Queensland).
- melanoxyloium (*R. Br.*) *L. Pedley in Bot. J. Linn. Soc.*, 92(3): 240 (1986): *Acacia melanoxyloium*.
- melleodorum (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 352 (1987): *Acacia melleodora*.
- melvillei (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 352 (1987): *Acacia melvillei*.
- microcephalum (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 352 (1987): *Acacia microcephala*.
- microspermum (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 352 (1987): *Acacia microsperma*.
- mimulum (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 352 (1987): *Acacia mimula*.
- montanum (*Benth.*) *L. Pedley in Austrobaileya*, 2(4): 352 (1987): *Acacia montana*.
- monticola (*J. Black*) *L. Pedley in Austrobaileya*, 2(4): 352 (1987): *Acacia monticola*.
- muellerianum (*Maiden & R. Baker*) *L. Pedley in Austrobaileya*, 2(4): 352 (1987): *Acacia muelleriana*.
- multisiliquum (*Benth.*) *L. Pedley in Austrobaileya*, 2(4): 352 (1987): *Acacia simsii* var. *multisiliqua*.
- murrayanum (*F. Muell. ex Benth.*) *L. Pedley in Austrobaileya*, 2(4): 352 (1987): *Acacia murrayana*.
- nelsonii (*Maslin*) *L. Pedley in Bot. J. Linn. Soc.*, 92(3): 249 (1986): *Acacia nelsonii*.
- neriifolium (*Cunn. ex Benth.*) *L. Pedley in Austrobaileya*, 2(4): 353 (1987): *Acacia neriifolia*.
- subsp. *pustulum* (*Maiden & Blakely*) *L. Pedley in Austrobaileya*, 2(4): 353 (1987): *Acacia pustula*.
- nesophilum (*Pedley*) *L. Pedley in Austrobaileya*, 2(4): 353 (1987): *Acacia nesophila*.
- nuperrimum (*E.G. Baker*) *L. Pedley in Austrobaileya*, 2(4): 353 (1987): *Acacia nuperrima*.

RACOSPERMA :-

- subsp. cassiterum* (Pedley) L. Pedley in *Austrobaileya*, 2(4): 353 (1987): *Acacia nuperrima* subsp. *cassitera*.
obtusifolium (Cunn.) L. Pedley in *Austrobaileya*, 2(4): 353 (1987): *Acacia obtusifolia*.
olganum (Maconochie) L. Pedley in *Bot. J. Linn. Soc.*, 92(3): 249 (1986): *Acacia olgana*.
oligophlebium (Pedley) L. Pedley in *Austrobaileya*, 2(4): 353 (1987): *Acacia oligophleba*.
omalophyllum (Cunn. ex Benth.) L. Pedley in *Austrobaileya*, 2(4): 353 (1987): *Acacia omalophylla*.
ommatospermum L. Pedley in *Austrobaileya*, 2(4): 327 (1987)—Australia (Queensland).
orarium (F. Mueller) L. Pedley in *Bot. J. Linn. Soc.*, 93(2): 249 (1986): *Acacia oraria*.
orites (Pedley) L. Pedley in *Austrobaileya*, 2(4): 353 (1987): *Acacia orites*.
orthocarpum (F. Muell.) L. Pedley in *Austrobaileya*, 2(4): 353 (1987): *Acacia orthocarpa*.
oshanesii (F. Muell. & Maiden) L. Pedley in *Austrobaileya*, 2(4): 353 (1987): *Acacia oshanesii*.
oswaldii (F. Muell.) L. Pedley in *Austrobaileya*, 2(4): 353 (1987): *Acacia oswaldii*.
paniculatum L. Pedley in *Austrobaileya*, 2(4): 324 (1987)—Australia (Queensland).
parramattense (Tindale) L. Pedley in *Austrobaileya*, 2(4): 358 (1987): *Acacia parramattensis*.
pendulum (Cunn. ex G. Don) L. Pedley in *Austrobaileya*, 2(4): 353 (1987): *Acacia pendula*.
penninerve (Sieber ex DC.) L. Pedley in *Bot. J. Linn. Soc.*, 92(3): 239 (1986): *Acacia penninervis*.
var. longiracemosum (Domin) L. Pedley in *Austrobaileya*, 2(4): 353 (1987): *Acacia penninervis* var. *longiracemosa*.
perangustum (C. White) L. Pedley in *Austrobaileya*, 2(4): 353 (1987): *Acacia fimbriata* var. *perangusta*.
perryi (Pedley) L. Pedley in *Austrobaileya*, 2(5): 571 (1988): *Acacia perryi*.
petraeum (Pedley) L. Pedley in *Bot. J. Linn. Soc.*, 92(3): 249 (1986): *Acacia petraea*.
peuce (F. Mueller) L. Pedley in *Bot. J. Linn. Soc.*, 92(3): 249 (1986): *Acacia peuce*.
phlebocarpum (F. Muell.) L. Pedley in *Austrobaileya*, 2(4): 353 (1987): *Acacia phlebocarpa*.
platycarpum (F. Muell.) L. Pedley in *Austrobaileya*, 2(4): 354 (1987): *Acacia platycarpa*.
plectocarpum (Cunn. ex Benth.) L. Pedley in *Austrobaileya*, 2(4): 354 (1987): *Acacia plectocarpa*.
subsp. tanumbirinese (Maiden) L. Pedley in *Austrobaileya*, 2(4): 354 (1987): *Acacia tanumbirinese*.
podalyriifolium (Cunn. ex G. Don) L. Pedley in *Austrobaileya*, 2(4): 354 (1987): *Acacia podalyriifolia*.
polifolium (Pedley) L. Pedley in *Austrobaileya*, 2(4): 354 (1987): *Acacia polifolia*.
polyadenium L. Pedley in *Austrobaileya*, 2(4): 322 (1987)—Australia (Queensland).
polybotryum (Benth.) L. Pedley in *Austrobaileya*, 2(4): 354 (1987): *Acacia polybotrya*.
polystachyum (Cunn. ex Benth.) L. Pedley in *Austrobaileya*, 2(4): 354 (1987): *Acacia polystachya*.
pravifolium (F. Muell.) L. Pedley in *Austrobaileya*, 2(4): 354 (1987): *Acacia pravifolia*.
pravissimum (F. Muell. ex Benth.) L. Pedley in *Austrobaileya*, 2(4): 359 (1987): *Acacia pravissima*.
pruinatum (Cunn. ex Benth.) L. Pedley in *Austrobaileya*, 2(4): 354 (1987): *Acacia pruinosa*.
pubicostum (C. White) L. Pedley in *Austrobaileya*, 2(4): 354 (1987): *Acacia pubicosta*.
pubifolium (Pedley) L. Pedley in *Bot. J. Linn. Soc.*, 92(3): 249 (1986): *et in Austrobaileya*, 2(4): 354 (1987): *Acacia pubifolia*.
pubirhachis (Pedley) L. Pedley in *Austrobaileya*, 2(4): 354 (1987): *Acacia pubirhachis*.
pulchellum (R. Br.) L. Pedley in *Bot. J. Linn. Soc.*, 92(3): 240 (1986): *Acacia pulchella*.
purpureipetalum (Bailey) L. Pedley in *Austrobaileya*, 2(4): 354 (1987): *Acacia purpureipetalata*.
pyncnostachyum (F. Mueller) L. Pedley in *Bot. J. Linn. Soc.*, 92(3): 249 (1986): *Acacia pyncnostachya*.
quadrilaterale (DC.) L. Pedley in *Austrobaileya*, 2(4): 354 (1987): *Acacia quadrilateralis*.
ramiflorum (Domin) L. Pedley in *Austrobaileya*, 2(4): 354 (1987): *Acacia ramiflora*.

RACOSPERMA :-

- ramulosum* (W.V. Fitzg.) L. Pedley in *Austrobaileya*, 2(4): 354 (1987): *Acacia ramulosa*.
resinicostatum (Pedley) L. Pedley in *Austrobaileya*, 2(4): 354 (1987): *Acacia resinicostata*.
retiveneum (F. Muell.) L. Pedley in *Austrobaileya*, 2(4): 354 (1987): *Acacia retivenea*.
rhodoxylon (Maiden) L. Pedley in *Austrobaileya*, 2(4): 354 (1987): *Acacia rhodoxylon*.
riceanum (Henslow) L. Pedley in *Bot. J. Linn. Soc.*, 92(3): 249 (1986): *Acacia riceana*.
rigens (Cunn. ex G. Don) L. Pedley in *Austrobaileya*, 2(4): 355 (1987): *Acacia rigens*.
rothii (Bailey) L. Pedley in *Austrobaileya*, 2(4): 355 (1987): *Acacia rothii*.
rubidum (Cunn.) L. Pedley in *Austrobaileya*, 2(4): 355 (1987): *Acacia rubida*.
ruppii (Maiden & Betche) L. Pedley in *Austrobaileya*, 2(4): 355 (1987): *Acacia ruppii*.
salicinum (Lindley) L. Pedley in *Austrobaileya*, 2(4): 355 (1987): *Acacia salicina*.
salignum (Labill.) L. Pedley in *Austrobaileya*, 2(4): 355 (1987): *Mimosa saligna*.
saxicola (Pedley) L. Pedley in *Austrobaileya*, 2(4): 355 (1987): *Acacia saxicola*.
semilunatum (Maiden & Blakely) L. Pedley in *Austrobaileya*, 2(4): 355 (1987): *Acacia semilunata*.
semirigidum (Maiden & Blakely) L. Pedley in *Austrobaileya*, 2(4): 355 (1987): *Acacia semirigida*.
shirleyi (Maiden) L. Pedley in *Austrobaileya*, 2(4): 355 (1987): *Acacia shirleyi*.
simplex (Sparman) L. Pedley in *Bot. J. Linn. Soc.*, 92(3): 249 (1986): *Mimosa simplex*.
simsii (Benth.) L. Pedley in *Austrobaileya*, 2(4): 355 (1987): *Acacia simsii*.
spanium (Pedley) L. Pedley in *Austrobaileya*, 2(4): 355 (1987): *Acacia spania*.
sparsiflorum (Maiden) L. Pedley in *Austrobaileya*, 2(4): 355 (1987): *Acacia sparsiflora*.
spectabile (Cunn. ex Benth.) L. Pedley in *Austrobaileya*, 2(4): 355 (1987): *Acacia spectabilis*.
spirobe (Labill.) L. Pedley in *Austrobaileya*, 2(4): 355 (1987): *Acacia spirobe*.
subsp. solandri (Benth.) L. Pedley in *Austrobaileya*, 2(4): 355 (1987): *Acacia solandri*.
spondylophyllum (F. Muell.) L. Pedley in *Austrobaileya*, 2(4): 355 (1987): *Acacia spondylophylla*.
stenophyllum (Cunn. ex Benth.) L. Pedley in *Austrobaileya*, 2(4): 355 (1987): *Acacia stenophylla*.
stipuligerum (F. Muell.) L. Pedley in *Austrobaileya*, 2(4): 356 (1987): *Acacia stipuligera*.
subsp. glabrifolium (Maiden & Blakely) L. Pedley in *Austrobaileya*, 2(4): 356 (1987): *Acacia stipuligera* var. *glabrifolia*.
stipulosum (F. Muell.) L. Pedley in *Austrobaileya*, 2(4): 317 (1987): *Acacia stipulosa*.
storryi (Tindale) L. Pedley in *Austrobaileya*, 2(4): 356 (1987): *Acacia storryi*.
stowardii (Maiden) L. Pedley in *Austrobaileya*, 2(4): 356 (1987): *Acacia stowardii*.
striatifolium (Pedley) L. Pedley in *Austrobaileya*, 2(4): 356 (1987): *Acacia striatifolia*.
strongylophyllum (F. Muell.) L. Pedley in *Austrobaileya*, 2(4): 356 (1987): *Acacia strongylophylla*.
sublanatum (Benth.) L. Pedley in *Austrobaileya*, 2(4): 318 (1987): *Acacia sublanata*.
tenuinerve (Pedley) L. Pedley in *Austrobaileya*, 2(4): 356 (1987): *Acacia tenuinervis*.
tenuissimum (F. Muell.) L. Pedley in *Austrobaileya*, 2(4): 356 (1987): *Acacia tenuissima*.
tephrinum (Pedley) L. Pedley in *Austrobaileya*, 2(4): 356 (1987): *Acacia tephрина*.
tetragonophyllum (F. Muell.) L. Pedley in *Austrobaileya*, 2(4): 356 (1987): *Acacia tetragonophylla*.
tindaleae (Pedley) L. Pedley in *Austrobaileya*, 2(4): 356 (1987): *Acacia tindaleae*.
torulosum (Benth.) L. Pedley in *Austrobaileya*, 2(4): 356 (1987): *Acacia torulosa*.
translucens (Cunn. ex Hook.) L. Pedley in *Austrobaileya*, 2(4): 356 (1987): *Acacia translucens*.
tripterum (Benth.) L. Pedley in *Austrobaileya*, 2(4): 356 (1987): *Acacia triptera*.
tropicum (Maiden & Blakely) L. Pedley in *Austrobaileya*, 2(4): 356 (1987): *Acacia cunninghamii* var. *tropica*.

RACOSPERMA :-

- ulicifolium* (Salisb.) L. Pedley in *Austrobaileya*, 2(4): 356 (1987): *Mimosa ulicifolia*.
umbellatum (Cunn. ex Benth.) L. Pedley in *Austrobaileya*, 2(4): 356 (1987): *Acacia umbellata*.
unciferum (Benth.) L. Pedley in *Austrobaileya*, 2(4): 356 (1987): *Acacia uncifera*.
uncinatum (Lindley) L. Pedley in *Austrobaileya*, 2(4): 357 (1987): *Acacia uncinata*.
validinervium (Maiden & Blakely) L. Pedley in *Bot. J. Linn. Soc.*, 92(3): 249 (1986): *Acacia validinervia*.
venulosum (Benth.) L. Pedley in *Austrobaileya*, 2(4): 357 (1987): *Acacia venulosa*.
vernicifolium (Cunn.) L. Pedley in *Austrobaileya*, 2(4): 357 (1987): *Acacia verniciflua*.
verticillatum
var. latifolium L. Pedley in *Austrobaileya*, 2(4): 358 (1987), nom. nov.: *Acacia verticillata* var. *latifolia* Benth.
victoriae (Benth.) L. Pedley in *Bot. J. Linn. Soc.*, 92(3): 249 (1986); *et in Austrobaileya*, 2(4): 357 (1987): *Acacia victoriae*.
viscidulum (Benth.) L. Pedley in *Austrobaileya*, 2(4): 357 (1987): *Acacia viscidula*.
wardellii (Tindale) L. Pedley in *Austrobaileya*, 2(4): 357 (1987): *Acacia wardellii*.
wetarensis (Pedley) L. Pedley in *Bot. J. Linn. Soc.*, 92(3): 249 (1986): *Acacia wetarensis*.
whitei (Maiden) L. Pedley in *Austrobaileya*, 2(4): 357 (1987): *Acacia whitei*.
wickhamii (Benth.) L. Pedley in *Austrobaileya*, 2(4): 357 (1987): *Acacia wickhamii*.
xiphocladum (Baker) L. Pedley in *Bot. J. Linn. Soc.*, 92(3): 249 (1986): *Acacia xiphoclada*.

RADIUSIA (Legumin.).

- alopecuroides* (L.) Endl., *Cat. Horti Vindob.*, 2: 517 (1842); *cf. D.J. Mabblerley in Taxon*, 33(3): 436 (1984): *Sophora alopecuroides*.
flavescens (Ait.) Endl., *Cat. Horti Vindob.*, 2: 517 (1842); *cf. D.J. Mabblerley in Taxon*, 33(3): 436 (1984): *Sophora flavescens*.

RAFFLESIA (Rafflesiace.).

- tengku-adlinii* K. Mat Salleh & A. Latiff in *Blumea*, 34(1): 112 (1989)—Borneo (Sabah).

RAIMUNDOCHLOA A.M. Molina in Parodiana,

- 4(2): 402 (1986 publ. 1987), nom. nov.: gen. *Parodiochloa* A.M. Molina (Gramin.).
trachyantha (Phil.) A.M. Molina in *Parodiana*, 4(2): 402 (1986 publ. 1987), without exact basionym page: *Koeleria trachyantha*.

RAJANIA (Dioscoreac.).

- hexaphylla* C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 888 (1784)—Japan.†
quinata C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 888 (1784)—Japan.†

×RAMBERLEA J. Halda in Preslia, 61(2): 127 (1989).

- GESNERIACEAE*. (Haberlea × Ramonda).
kistlerae J. Halda in *Preslia*, 61(2): 127 (1989)—Cultivation. (Haberlea rhodopensis × Ramonda myconii).

RAMOSMANIA (Rubiace.).

- rodriguesii* D.D. Tirvengadam in *Compte R. Séances Soc. Biogéogr.*, 65(1): 14 (1989)—Rodrigues Is.

RANDIA (Rubiace.).

- subgen. Ceriscoides* (Hook. f.) D.D. Tirvengadam in *Ceylon J. Sci., Biol. Sci.*, 14(1-2): 5 (1981): *Gardenia* sect. *Ceriscoides*.
subgen. Ceriscus (Benth. & Hook. f.) D.D. Tirvengadam in *Ceylon J. Sci., Biol. Sci.*, 14(1-2): 4 (1981), as '(Gaertn. f.): R. sect. *Ceriscus*.
guerrerensis D.H. Lorence & M. Rodríguez Acosta in *Biotica*, 11(3): 195 (1986)—Mexico.
hidalgensis D.H. Lorence in *Bol. Soc. Bot. Méx.*, 47: 38 (1987)—Mexico.
lonicerioides J.D. Dwyer & D.H. Lorence in *Bol. Soc. Bot. Méx.*, 47: 40 (1987)—Mexico, Costa Rica.
matudae D.H. Lorence & J.D. Dwyer in *Bol. Soc. Bot. Méx.*, 47: 42 (1987), nom. nov.: *Casasia chiapensis* Miranda.
pterocharpa D.H. Lorence & J.D. Dwyer in *Bol. Soc. Bot. Méx.*, 47: 43 (1987)—Mexico.

RANDIA :-

- retroflexa D.H. Lorence & M. Nee in *Brittonia*, 39(3): 371 (1987)—Mexico.
 sericantha W.C. Chen in *Guihaia*, 7(4): 298 (1987)—China.
 turgida (Roxb.) D.D. Tirvengadam in *Ceylon J. Sci., Biol. Sci.*, 14(1-2): 5 (1981); *Gardenia turgida*.
 vazquezii D.H. Lorence & J.D. Dwyer in *Bol. Soc. Bot. Méx.*, 47: 46 (1987)—Mexico.

RANGAERIS (Orchidac.).

- schliebenii (Mansf.) P.J. Cribb in *Fl. Trop. E. Afr., Orchidac. (Part 3)*: 570 (1989); *Leptocentrum schliebenii*.

RANUNCULUS (Ranunculac.).

- sect. Parviflori A.G. Elenevskii & T.G. Derviz-Sokolova in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 94(1): 121 (1989).
 abaensis W.T. Wang in *Acta Phytotax. Sin.*, 25(1): 36 (1987)—China.
 acris
 var. aestivalis (L. Benson) S.L. Welsh in *Great Basin Nat.*, 46(2): 260 (1986); *R. acriflorus* var. *aestivalis*.
 aggregatus Hort. Vind. ex Capelli, *Cat. Stirp. Reg. Hort. Bot. Taur.*: 47 (1821); cf. D.J. Mabberley in *Taxon*, 31(1): 72 (1982)—Locality not stated.
 alashanicus Y.Z. Zhao in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(1): 64 (1989)—China.
 altaicus
 subsp. shinano-alpinus (Ohwi) Y. Kadota in *Bull. Nation. Sci. Mus., B (Tokyo)*, 16(2): 80 (1990); *R. shinano-alpinus*.
 subsp. sulphureus (Soland.) Y. Kadota in *Bull. Nation. Sci. Mus., B (Tokyo)*, 16(2): 82 (1990), as 'sulphureus'; *R. sulphureus*.
 altus P.J. Garnock-Jones in *New Zealand J. Bot.*, 25(1): 125 (1987)—New Zealand.
 andersonii
 var. juniperinus (Jones) S.L. Welsh in *Great Basin Nat.*, 46(2): 260 (1986); *R. juniperinus*.
 arvensis
 var. echinatissimus (Blatter) R.A. Qureshi & M.N. Chaudhri in *Pakistan Syst.*, 4(1-2): 184 (1988); *R. echinatissimus*.
 ashibetsuensis G. Wiegleb in *Acta Phytotax. Geobot.*, 39(4-6): 130 (1988)—Japan.
 auricomus
 subsp. eversii E. Julin in *Mem. Soc. Fauna Flora Fenn.*, 62(4): 120 (1986)—Sweden.
 balangshanicus W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 105 (1987)—China.
 bonariensis
 subsp. jaunarii (Urban) J. Molero in *Fontqueria*, 7: 19 (1985); *R. bonariensis* var. *jaunarii*.
 subsp. phyteumifolius (St.-Hil.) J. Molero in *Fontqueria*, 7: 19 (1985); *Casalea phyteumifolia*.
 subsp. trisepalus (Gill. ex Hook. & Arnott) J. Molero in *Fontqueria*, 7: 19 (1985); *R. trisepalus*.
 brevis P.J. Garnock-Jones in *New Zealand J. Bot.*, 25(1): 126 (1987), nom. nov.: *R. depressus* Kirk.
 brutius
 subsp. crimaeus (Fuz.) A.G. Elenevskii in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 94(1): 114 (1989); *R. crimaeus*.
 cassubicus
 subsp. kemerovensis G. Kvist in *Ann. Bot. Fenn.*, 24(1): 79 (1987)—U.S.S.R. (Siberia).
 caucasicus
 subsp. pavlii A.G. Elenevskii & T.G. Derviz-Sokolova in *Novosti Sist. Vyssh. Rast.*, 23: 56 (1986)—U.S.S.R. (Crimea).
 collicolus Y. Menadue in *Brunonia*, 8(2): 373 (1986)—Tasmania.
 cuneilaminatus W. Greuter & Burdet in *Willdenowia*, 19(1): 45 (1989), nom. nov.: *R. cuneatus* Boiss.
 × digeneus Kerner ex W. Huber in *Veröff. Geobot. Inst. Rübel*, 100: 120 (1988)—Austria. (*R. parnassifolius* × *seguieri*).
 nothosubsp. latemarensis W. Huber in *Veröff. Geobot. Inst. Rübel*, 100: 122 (1988)—Italy. (*R. parnassifolius* subsp. *heterocarpus* × *seguieri*).
 dissectus
 subsp. aragazii (Grossh.) Yu.I. Bulan'yi & T.G. Derviz-Sokolova in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 91(6): 107 (1986); *R. aragazii*.

RANUNCULUS :-

- subsp. szowitsianus (Boiss.) A.G. Elenevskii & T.G. Derviz-Sokolova in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 91(6): 107 (1986); *R. szowitsianus*.
 fallax
 subsp. altior (Marklund) G. Kvist & J. Jalas in *Ann. Bot. Fenn.*, 24(2): 222 (1987); *R. altior*.
 fiorii Pignatti ex A. Soldano in *Atti Soc. Ital. Sci. Nat. Mus. Civ. Stor. Nat. Milano*, 127(3-4): 216 (1986), nom. nov.: *R. insubricus* Pignatti.
 hirtellus
 var. parciflorus R.A. Qureshi & M.N. Chaudhri in *Pakistan Syst.*, 3(1): 12 (1987)—Pakistan.
 × intermedium W. Huber in *Veröff. Geobot. Inst. Rübel*, 100: 35 (1988)—Italy. (*R. aconitifolius* × *platanifolius*).
 intramongolicus Y.Z. Zhao in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(1): 69 (1989)—China.
 jugosus Y. Menadue in *Brunonia*, 8(2): 377 (1986)—Tasmania.
 × kelchoensis S.D. Webster in *Watsonia*, 18(2): 142 (1990)—Great Britain, Ireland, France. (*R. fluitans* × *peltatus*).
 kohistanensis R.A. Qureshi & M.N. Chaudhri in *Pakistan Syst.*, 3(1): 16 (1987), nom. nov.: *R. saxatilis* R.A. Qureshi & M.N. Chaudhri.
 kuepferi W. Greuter & Burdet in *Willdenowia*, 16(2): 452 (1987), nom. nov.: *R. plantagineus* subsp. *occidentalis* Kuepfer.
 subsp. orientalis W. Huber in *Veröff. Geobot. Inst. Rübel*, 100: 59 (1988)—Switzerland.
 kurdicus W. Greuter & Burdet in *Willdenowia*, 19(1): 46 (1989), nom. nov.: *R. diversifolius* Boiss. & Kotschy.
 × lacerus
 nothosubsp. valesiacus (Suter) W. Huber in *Veröff. Geobot. Inst. Rübel*, 100: 66 (1988); *R. valesiacus*.
 laetus
 subsp. chitralicus R.A. Qureshi & M.N. Chaudhri in *Pakistan Syst.*, 3(1): 14 (1987)—Pakistan.
 var. latifolius R.A. Qureshi & M.N. Chaudhri in *Pakistan Syst.*, 3(1): 14 (1987)—Pakistan.
 lambayequeensis T. Duncan & A. Sagástegui-Alva in *Brittonia*, 42(3): 182 (1990)—Peru.
 × levenensis Druce ex R.J. Gornall in *Watsonia*, 16(4): 383 (1987)—Great Britain, Ireland, Norway, Sweden, U.S.S.R. (European Russia), Germany, Italy, Switzerland, ?Faeroes. (*R. flammula* × *reptans*).
 longicaulis
 var. pseudohirculus (Schrenk) I.A. Gubanov in *L.G. Byazrov et al., Fl. Khangaya*: 110 (1989); *R. pseudohirculus*.
 var. pulchellus (C.A. Mey.) I.A. Gubanov in *L.G. Byazrov et al., Fl. Khangaya*: 110 (1989); *R. pulchellus*.
 luminarius Pignatti ex W. Greuter in *Willdenowia*, 19(1): 46 (1989)—Italy.
 lunaris T. Brodtbeck in *Bauhinia*, 9(1): 89 (1988)—Germany.
 macrotis T. Brodtbeck in *Bauhinia*, 9(1): 85 (1988)—Switzerland, Germany.
 malinovskii A.G. Elenevskii & T.G. Derviz-Sokolova in *Novosti Sist. Vyssh. Rast.*, 23: 59 (1986)—U.S.S.R. (Ukraine).
 marginatus
 subsp. trachycarpus (Fisch. & Mey.) A.G. Elenevskii & T.G. Derviz-Sokolova in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 94(1): 117 (1989); *R. trachycarpus*.
 membranifolius (Kirk) P.J. Garnock-Jones in *New Zealand J. Bot.*, 25(1): 126 (1987); *R. hirtus* var. *membranifolius*.
 minor (L. Liou) W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 29 (1986); *R. involucratum* var. *minor*.
 mirus P.J. Garnock-Jones in *New Zealand J. Bot.*, 25(1): 126 (1987), nom. nov.: *R. hirtus* var. *gracilis* Cheeseman.
 muscigenus W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 30 (1986)—Xizang.
 nephelogenes
 var. geniculatus (Hand.-Mazz.) W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 109 (1987); *R. pulchellus* var. *geniculatus*.
 var. longicaulis (C.A. Mey.) W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 110 (1987), as ('Trautv.'): *R. longicaulis*.

RANUNCULUS :-

- var. pubescens W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 110 (1987)—China, Xizang.
 nipponicus
 var. ohtagawensis G. Wiegleb in *Acta Phytotax. Geobot.*, 39(4-6): 129 (1988)—Japan.
 var. okayamensis G. Wiegleb in *Acta Phytotax. Geobot.*, 39(4-6): 129 (1988)—Japan.
 × novae-forestae S.D. Webster in *Watsonia*, 18(2): 139 (1990)—Great Britain. (*R. omiophyllus* × *tripartitus*).
 paludosus
 subsp. barceloi (Grau) O. de Bolòs & J. Vigo, *Fl. Països Catalans*, 2: 820 (1990), without basionym date: *R. barceloi*.
 subsp. millefoliatus (Grau) S. Rivas-Martinez in *Lazaroa*, 8: 425 (1985 publ. 1986); *R. millefoliatus*.
 subsp. pseudomillefoliatus (Grau) N. Marcos Samaniego & A. Velasco Negueruela in *Bol. Soc. Brot.*, 60: 73 (1987), without exact basionym page or date: *R. pseudomillefoliatus*.
 pedatus
 subsp. silvestreppaceus (Dubovik) A.G. Elenevskii & T.G. Derviz-Sokolova in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 94(1): 120 (1989); *R. silvestreppaceus*.
 penicillatus
 subsp. pseudofluitans (Syme) S.D. Webster in *Watsonia*, 17(1): 20 (1988); *R. aquatilis* var. *pseudofluitans*.
 var. pseudofluitans (Syme) S.D. Webster in *Watsonia*, 17(1): 20 (1988); *R. aquatilis* var. *pseudofluitans*.
 polyanthemus
 subsp. polyanthemophyllus (W. Koch & H. Hess) M. Baltisberger in *Ann. Bot. Fenn.*, 25(3): 293 (1988); *R. polyanthemophyllus*.
 subsp. serpens (Schrank) M. Baltisberger in *Ann. Bot. Fenn.*, 25(3): 293 (1988); *R. serpens*.
 prasinus Y. Menadue in *Brunonia*, 8(2): 375 (1986)—Tasmania.
 quelpaertensis
 var. albiflorus Y.N. Lee in *Korean J. Bot.*, 25(4): 177 (1982)—Korea.
 quinatus T. Brodtbeck in *Bauhinia*, 9(1): 83 (1988)—France, Switzerland.
 reflexus P.J. Garnock-Jones in *New Zealand J. Bot.*, 25(1): 126 (1987), nom. nov.: *R. hirtus* DC.
 rigidulus (Boiss.) Yu.I. Bulan'yi & T.G. Derviz-Sokolova in *Novosti Sist. Vyssh. Rast.*, 24: 95 (1987); *R. huettii* var. *rigidulus*.
 royleanus R.A. Qureshi & M.N. Chaudhri in *Pakistan Syst.*, 4(1-2): 187 (1988), nom. nov., as 'royeanus': *R. polypetalus* D. Don.
 rubrocalyx
 subsp. stewartii (H. Riedl) R.A. Qureshi & M.N. Chaudhri in *Pakistan Syst.*, 4(1-2): 167 (1988); *R. stewartii*.
 sardous
 subsp. philonotis (Ehrh.) A.G. Elenevskii & T.G. Derviz-Sokolova in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 94(1): 117 (1989); *R. philonotis*.
 × scissus W. Huber in *Veröff. Geobot. Inst. Rübel*, 100: 62 (1988)—Italy. (*R. kuepferi* × *platanifolius*).
 nothosubsp. disjunctus W. Huber in *Veröff. Geobot. Inst. Rübel*, 100: 66 (1988)—France. (*R. kuepferi* subsp. *orientalis* × *platanifolius*).
 scritchalis P.J. Garnock-Jones in *New Zealand J. Bot.*, 25(1): 126 (1987)—New Zealand.
 serpens
 subsp. polyanthemoides (Boreau) M. Kerguelen & J. Lambinon in *Lejeunia*, 120: 149 (1987); *R. polyanthemoides*.
 subsp. polyanthemophyllus (W. Koch & H. Hess) M. Kerguelen in *Lejeunia*, 120: 149 (1987); *R. polyanthemophyllus*.
 silerifolius
 var. glaber (H. Boiss.) M. Tamura in *Acta Phytotax. Geobot.*, 39(1-3): 93 (1988), without basionym date: *R. ternatus* var. *glaber*.
 var. yaegatakensis (Masam.) H. Fujishima & H. Okada in *Bot. Mag. Tokyo*, 103(1069): 55 (1990); *R. yaegatakensis*.
 simulans P.J. Garnock-Jones in *New Zealand J. Bot.*, 25(1): 126 (1987), nom. nov.: *R. depressus* var. *stewartiae* Simpson & J. Thomson.

RANUNCULUS :-

- sinovaginat^{us} W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 34 (1986), nom. nov.: R. vaginat^{us} *Hand.-Mazz.*
 spicatus
 subsp. aspromontan^{us} (Huter) W. Greuter & Burdet in *Willdenowia*, 19(1): 46 (1989): R. aspromontan^{us}.
 subsp. maroccan^{us} (Cosson) W. Greuter & Burdet in *Willdenowia*, 19(1): 46 (1989): R. cortusifolius var. maroccan^{us}.
 stellaris T. Brodbeck in *Bauhinia*, 9(1): 92 (1988)—Germany, Switzerland.
 supracondemiensis J. Grau, E. Bayer & G. López González in *Mitt. Bot. Staatssamml. München*, 28: 569 (1989)—Spain.
 ternatus C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 516 (1784)—Japan.†
 triangularis W.T. Wang in *Acta Phytotax. Sin.*, 25(1): 37 (1987)—China.
 trichophyllus
 var. glaber (Tamura) H. Hara in *Enum. Fl. Pl. Nepal*, 2: 20 (11 June 1979), isonym; see M. Tamura in *Sci. Rep. Osaka Univ.*, 27(2): 114 (1978 publ. 31 March 1979): *Batrachium trichophyllum* var. glabrum.
 var. kadzuzensis (Makino) G. Wiegleb in *Acta Phytotax. Geobot.*, 39(4-6): 128 (1988): R. kadzuzensis.
 tricuspis
 var. variifolia (Tamura) H.B. Naithani & S. Biswas in *H.B. Naithani, Flow. Pl. India, Nepal & Bhutan*: 14 (1990): *Halerpestes lancifolia* var. variifolia.
 tuberculatus Kit. ex Hornem., *Hort. Hafn.*: 528 (1815); cf. D.J. Mabberley in *Taxon*, 33(3): 437 (1984)—Locality not stated.
 vanensis P.H. Davis in *Fl. Turkey & E. Aegean Is.*, 10: 231, 20 (1988)—Turkey.
 waziristanicus R.A. Qureshi & M.N. Chaudhri in *Pakistan Syst.*, 4(1-2): 158 (1988), nom. nov.: R. nanus *Blatter*.
 xinningensis W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 10 (1989)—China.
 yinshanensis (Y.Z. Zhao) Y.Z. Zhao in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(1): 67 (1989): R. pulchellus var. yinshanensis.
 zhungdianensis W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 104 (1987)—China.

RAOULIA (Compos.).

- ×petrimia Kit Tan & R.J.D. McBeath in *Quart. Bull. Alp. Gard. Soc.*, 56(4): 311 (1988)—New Zealand. (R. eximia × petriensis).

RAPANEA (Myrsinac.).

- clemensiae H. Sleumer in *Blumea*, 31(2): 254 (1986)—New Guinea (Papua New Guinea).
 coriifolia H. Sleumer in *Blumea*, 31(2): 248 (1986)—New Guinea (Papua New Guinea).
 lamii H. Sleumer in *Blumea*, 31(2): 264 (1986)—New Guinea (Papua New Guinea, W. Irian).
 minutifolia J. Knoester, M. Wijn & H. Sleumer in *Blumea*, 31(2): 252 (1986)—New Guinea (W. Irian, Papua New Guinea).
 perakensis (King & Gamble) B.C. Stone in *Fed. Mus. J. (Kuala Lumpur)*, 26(1): 121 (1981): *Myrsine perakensis*.
 ralstoniae P.S. Green in *Kew Bull.*, 45(2): 242 (1990)—Norfolk Is.
 ralstoniae P.S. Green in *J. Arnold Arbor.*, 67(1): 113 (1986), nom. nov.: *Myrsine crassifolia* Endl.
 velutina J. Knoester, M. Wijn & H. Sleumer in *Blumea*, 31(2): 251 (1986), nom. nov.: R. nummularia van Royen.
 womersleyi H. Sleumer in *Blumea*, 31(2): 266 (1986)—New Guinea (Papua New Guinea, W. Irian).

RAPATEA (Rapateac.).

- aracamuniana J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 76(4): 964 (1989)—Venezuela.
 chimantensis J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 75(1): 313 (1988)—Venezuela.

RAPHANISTRUM (Crucif.).

- segetale Henckel, *Enum. Pl. Regiom. Boruss.*: 172 (1817); cf. D.J. Mabberley in *Taxon*, 33(3): 444 (1984)—Locality not stated.

RAPHIONACME (Asclepiadac.).

- arabica A.G. Miller & J.A. Biagi in *Notes Roy. Bot. Gard. Edinburgh*, 45(1): 61 (1988)—Oman.
 borenensis H.J.T. Venter & M.G. Gilbert in *Bot. J. Linn. Soc.*, 99(4): 401 (1989)—Ethiopia, Kenya, Somali Republic.
 chimanimaniana H.J.T. Venter & R.L. Verhoeven in *S. Afr. J. Bot.*, 54(4): 380 (1988)—Zimbabwe.
 elsana H.J.T. Venter & R.L. Verhoeven in *S. Afr. J. Bot.*, 53(2): 177 (1987)—South Africa (Natal).
 lobulata H.J.T. Venter & R.L. Verhoeven in *S. Afr. J. Bot.*, 54(6): 603 (1988)—South Africa (Cape Province).
 lucens H.J.T. Venter & R.L. Verhoeven in *S. Afr. J. Bot.*, 54(6): 607 (1988)—South Africa (Natal), Mozambique.
 namibiana H.J.T. Venter & R.L. Verhoeven in *S. Afr. J. Bot.*, 52(4): 332 (1986)—Namibia.
 palustris H.J.T. Venter & R.L. Verhoeven in *S. Afr. J. Bot.*, 52(2): 149 (1986)—South Africa (Natal).
 pulchella H.J.T. Venter & R.L. Verhoeven in *S. Afr. J. Bot.*, 54(1): 72 (1988)—Mozambique, Zimbabwe.

RAPUTIA (Rutac.).

- maroana (R. Cowan) J.A. Kallunki in *Brittonia*, 42(3): 176 (1990): *Myllanthus maroana*.
 neblinensis (R. Cowan) J.A. Kallunki in *Brittonia*, 42(3): 177 (1990): *Myllanthus neblinensis*.
 ulei (K. Krause) J.A. Kallunki in *Brittonia*, 42(3): 177 (1990): *Cusparia ulei*.

×**RATHBUNILLOCACTUS** R. Mottram, *Contrib. New Class. Cact. Fam.*: 73 (1990). **CACTACEAE**. (*Myrtillocactus* × *Rathbunia*).

RATIBIDA (Compos.).

- coahuilensis B.L. Turner in *Sida*, 13(1): 35 (1988)—Mexico.

RAUIA (Rutac.).

- subtruncata J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 75(1): 315 (1988)—Venezuela.

RAUVOLFIA (Apocynac.).

- hookeri S.R. Srinivasan & V. Chithra in *A.N. Henry, G.R. Kumari & V. Chithra, Fl. Tamil Nadu, India, Ser. 1*, 2: 78 (1987), nom. nov.: R. beddomei Hook. f.
 ×ivanovii M.M. Granda & V.R. Fuentes in *Rev. Jard. Bot. Nacion. Univ. Habana*, 6(2): 42 (1985 publ. 1986)—Cultivation. (R. ligustrina × viridis).
 letouzeyi A.J.M. Leeuwenberg in *Bull. Mus. Nation. Hist. Nat., B. Adansonia, Ser. 4*, 11(4): 367 (1989 publ. 1990)—Gabon, Congo-Brazzaville.

RAVENEAE (Palmae).

- moorei J. Dransfield & N.W. Uhl in *Principes*, 30(4): 159 (1986)—Comoro Archipelago.

RAVENIOPSIS (Rutac.).

- aracaensis J.A. Kallunki & J.A. Steyermark in *Brittonia*, 39(4): 409 (1987)—Brazil.
 liesneri J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 75(1): 317 (1988)—Venezuela.

RAWSONIA (Flacourtiac.).

- burt-davyi (Edlin) F. White in *Bull. Jard. Bot. Nation. Belg.*, 60(1-2): 95 (1990): *Dasylepsis burt-davyi*.

RAYCADENCO C.H. Dodson in *Ic. Pl. Trop.*, Ser. 2, 6: t. 577 (1989). **ORCHIDACEAE**.

- ecuadorensis C.H. Dodson in *Ic. Pl. Trop.*, Ser. 2, 6: t. 577 (1989)—Ecuador.

REAUMURIA (Tamaricac.).

- babataghi V.P. Bochantsev in *Bot. Zhurn.*, 72(6): 814 (1987)—U.S.S.R. (Middle Asia).
 oxiana
 var. persica (Boiss.) M. Assadi in *Fl. Iran (ed. M. Assadi et al.)*, 1: 9 (1989): *Eichwaldia persica*.
 sivasica Kit Tan & B. Yildiz in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 440 (1988 publ. 1989)—Turkey.

REBUTIA (Cactac.).

- cylindrica (Donald & A. Lau) J.D. Donald in *Bradleya*, 5: 93 (1987): *Sulcorebutia cylindrica*.
 einsteinii
 var. karreri (Fric^h ex Backb.) Šida in *Kaktusy (Brno)*, 26(1): 19 (1990): *Mediolobivia schmiedcheniana* var. karreri.
 fidaiana (Backeberg) D. Hunt in *Bradleya*, 5: 94 (1987): *Echinocactus fidaianus*.
 haagei
 var. orurensis (Backb.) Šida in *Kaktusy (Brno)*, 26(1): 19 (1990): *Lobivia orurensis*.
 mentosa (F. Ritter) J.D. Donald in *Bradleya*, 5: 93 (1987): *Sulcorebutia mentosa*.
 neocumingii (Backeberg) D. Hunt in *Bradleya*, 5: 94 (1987): *Weingartia neocumingii*.
 neumanniana (Werdermann) D. Hunt in *Bradleya*, 5: 94 (1987): *Weingartia neumanniana*.
 sumayana W. Rausch in *Succulenta*, 65(4): 74 (1986)—Bolivia.
 walteri L. Diers in *Kakt. And. Sukk.*, 40(8): 189 (1989)—Argentina.

RECORDOXYLON (Legumin.).

- pulcherrimum R. Barneby in *Acta Bot. Venezuel.*, 14(3): 20 (1984)—Venezuela.

REGELIA (Myrtac.).

- punica (N. Byrnes) B.A. Barlow in *Brunonia*, 9(1): 95 (1987): *Melaleuca punicea*.

REGISTANIELLA K.H. Rechinger in *Fl. Iran.*, 162: 152 (1987). **UMBELLIFERAE**.

- hapaxlegomena K.H. Rechinger in *Fl. Iran.*, 162: 152 (1987)—Afghanistan.

REHDERODENDRON (Styracac.).

- conostyle C.Y. Wu in *Fl. Yunnanica*, 3: 410 (1983)—China.
 gongshanense Y.C. Tang in *Acta Bot. Yunnanica*, 10(3): 350 (1988)—China.
 membranifolium C.Y. Wu in *Fl. Yunnanica*, 3: 412 (1983)—China.
 microcarpum K.M. Feng in *Fl. Yunnanica*, 3: 410 (1983)—China.

REICHARDIA (Compos.).

- gaditana
 subsp. lusitanica (P. Cout.) A.R. Pinto da Silva & J.J.A.H. de Bacelar in *Bol. Soc. Brot.*, 60: 156 (1987): R. gaditana var. lusitanica.
 picroides
 var. gracilis (Schultz Bip.) O. de Bolòs & J. Vigo in *Folia Bot. Misc.*, 6: 86 (1989): *Picridium intermedium* var. gracile.
 var. robusta (Willk.) O. de Bolòs & J. Vigo in *Folia Bot. Misc.*, 6: 86 (1989): *Picridium intermedium* var. robustum.
 tingitana
 var. subintegra (Boissier) S.K. Mamgain & R.R. Rao in *J. Bombay Nat. Hist. Soc.*, 86(2): 273 (1989): *Picridium tingitanum* var. subintegra.

REINHARDTIA (Palmae).

- paiewonskiana R.W. Read, T.A. Zanoni & M. Mejia in *Brittonia*, 39(1): 20 (1987)—Hispaniola (Dominican Republic).

REINWARDTIODENDRON (Meliac.).

- dubium (Merr.) X.M. Chen in *J. Wuhan Bot. Res.*, 4(2): 183 (1986): *Lansium dubium*.

RELDIA (Gesneriac.).

- calcarata L.P. Kvist & L.E. Skog in *Nordic J. Bot.*, 8(6): 606 (1989)—Ecuador.
 grandiflora L.P. Kvist & L.E. Skog in *Nordic J. Bot.*, 8(6): 607 (1989)—Colombia.
 minutiflora (L. Skog) L.P. Kvist & L.E. Skog in *Nordic J. Bot.*, 8(6): 607 (1989): *Nautilocalyx minutiflorus*.
 var. veraguensis (Wiehl) L.P. Kvist & L.E. Skog in *Nordic J. Bot.*, 8(6): 609 (1989): R. veraguensis.
 multiflora L.P. Kvist & L.E. Skog in *Nordic J. Bot.*, 8(6): 611 (1989)—Ecuador.

REMIJIA (Rubiac.).

- chelomaphylla G.A. Sullivan in *Syst. Bot.*, 11(2): 298 (1986)—Peru.

REMIJIA :-

- marahuacensis *J.A. Steyermark in Ann. Missouri Bot. Gard.*, 74(1): 111 (1987)—Venezuela.
 reducta *J.A. Steyermark in Ann. Missouri Bot. Gard.*, 76(4): 968 (1989)—Venezuela.
 sessilis *J.A. Steyermark in Ann. Missouri Bot. Gard.*, 75(3): 1084 (1988)—Venezuela.

REMUSATIA (Arac.).

- ornata (*Schott*) *H. Li & Q.F. Guo in Acta Phytotax. Sin.*, 25(5): 414 (1987); *et in Aroideana*, 10(2): 23 (1987): *Gonatanthus ornatus*.

REMYA (Compos.).

- montgomeryi *W.L. Wagner & D.R. Herbst in Syst. Bot.*, 12(4): 605 (1987)—Hawaiian Is.

RENANTHERA (Orchidac.).

- auyongii *E.A. Christensen in Orchid Rev.*, 94(1114): 264 (1986); *et in Orchid Dig.*, 50(5): 169 (1986)—Borneo (Sarawak).
 coccinea
var. holttumii U.W. Mahyar in Reinwardtia, 10(4): 405 (1988)—Thailand.

RENANTHERELLA (Orchidac.).

- histrionica
 subsp. auyongii (*E.A. Christ.*) *K. Senghas in Schlechter Orchideen*, 1(21): 1327 (1988): *Renanthera auyongii*.

RENEALMIA (Zingiberac.).

- cylindrica *P.J.M. Maas & H. Maas in Notes Roy. Bot. Gard. Edinburgh*, 44(2): 242 (1987)—Colombia, Panama, Ecuador.
 microcalyx *P.J.M. Maas & H. Maas in Notes Roy. Bot. Gard. Edinburgh*, 46(3): 315 (1990)—Venezuela, Brazil.
 pacifica (*Maas*) *P.J.M. Maas & H. Maas in Notes Roy. Bot. Gard. Edinburgh*, 46(3): 318 (1990): *R. occidentalis var. pacifica*.
 pirrensis *P.J.M. Maas & H. Maas in Notes Roy. Bot. Gard. Edinburgh*, 44(2): 237 (1987)—Panama.
 purpurea *P.J.M. Maas & H. Maas in Notes Roy. Bot. Gard. Edinburgh*, 44(2): 247 (1987)—Peru.
 variegata *P.J.M. Maas & H. Maas in Notes Roy. Bot. Gard. Edinburgh*, 44(2): 241 (1987)—Ecuador, Panama, Colombia.

RENNELLIA (Rubiace.).

- amoena (*Bremek.*) *J.T. Johansson in Blumea*, 34(1): 11 (1989): *Didymocium amoenum*.
 microcephala (*Ridl.*) *K.M. Wong in Tree Fl. Malaya*, 4: 405 (1989), with incorrect basionym: *Myrioneuron microcephalum*.

RENNERA (Compos.).

- eenii (*S. Moore*) *M. Källersjö in Bot. J. Linn. Soc.*, 96(4): 309 (1988): *Pentzia eenii*.
 laxa (*Bremek. & Obermev.*) *M. Källersjö in Bot. J. Linn. Soc.*, 96(4): 309 (1988): *Pentzia laxa*.

RESEDA (Resedac.).

- abyssinica *Fres., Sem. Hort. Franc.*, 1835; *Linnaea II, Lit.*: 86 (1837); *cf. D.J. Mabberley in Taxon*, 32(1): 86 (1983)—Locality not stated.
 alba
 subsp. trigyna (*Batt.*) *W. Greuter & Burdet in Willdenowia*, 19(1): 47 (1989): *R. gayana* subsp. trigyna.
 lutea
 subsp. vivanii (*P. Monts.*) *A.M. Rovira in Collect. Bot.*, 17(1): 102 (1987 publ. 1988): *R. vivanii*.
 subsp. vivanii (*P. Monts.*) *O. de Bolòs & J. Vigo, Fl. Paisos Catalans*, 2: 186 (1990), isonym: *R. vivanii*.
 sessilifolia *M. Thulin in Kew Bull.*, 45(4): 667 (1990)—Somali Republic.

RESTIO (Restionac.).

- colliculospermus *H.P. Linder in Bothalia*, 15(3-4): 443 (1985)—South Africa (Cape Province).
 corneolus *E.E. Esterhuysen in Bothalia*, 15(3-4): 443 (1985)—South Africa (Cape Province).
 decipiens (*N.E. Br.*) *H.P. Linder in Bothalia*, 15(3-4): 444 (1985): *Hypolaena decipiens*.
 fragilis *E.E. Esterhuysen in Bothalia*, 15(3-4): 447 (1985)—South Africa (Cape Province).

RESTIO :-

- glaber (*Rodway*) *L.A.S. Johnson & B.G. Briggs in Telopea*, 2(6): 738 (1986): *R. oligocephalus var. glaber*.
 implicatus *E.E. Esterhuysen in Bothalia*, 15(3-4): 447 (1985)—South Africa (Cape Province).
 inconspicuus *E.E. Esterhuysen in Bothalia*, 15(3-4): 449 (1985)—South Africa (Cape Province).
 ingens *E.E. Esterhuysen in Bothalia*, 15(3-4): 449 (1985)—South Africa (Cape Province).
 inveteratus *E.E. Esterhuysen in Bothalia*, 15(3-4): 450 (1985)—South Africa (Cape Province).
 mahonii
 subsp. humbertii (*Chern.*) *H.P. Linder in Kew Bull.*, 41(1): 103 (1986): *R. madagascariensis var. humbertii*.
 montanus *E.E. Esterhuysen in Bothalia*, 15(3-4): 453 (1985)—South Africa (Cape Province).
 nuwebergensis *E.E. Esterhuysen in Bothalia*, 15(3-4): 453 (1985)—South Africa (Cape Province).
 peculiaris *E.E. Esterhuysen in Bothalia*, 15(3-4): 455 (1985)—South Africa (Cape Province).
 perseverans *E.E. Esterhuysen in Bothalia*, 15(3-4): 457 (1985)—South Africa (Cape Province).
 pillansii *H.P. Linder in Bothalia*, 15(3-4): 457 (1985), nom. nov.: *Leptocarpus stokoei Pillans*.
 pulvinatus *E.E. Esterhuysen in Bothalia*, 15(3-4): 457 (1985)—South Africa (Cape Province).
 pumilus *E.E. Esterhuysen in Bothalia*, 15(3-4): 458 (1985)—South Africa (Cape Province).
 quartziticola *H.P. Linder in Kew Bull.*, 41(1): 103 (1986)—Zimbabwe, Mozambique.
 rarus *E.E. Esterhuysen in Bothalia*, 15(3-4): 459 (1985)—South Africa (Cape Province).
 rupicola *E.E. Esterhuysen in Bothalia*, 15(3-4): 459 (1985)—South Africa (Cape Province).
 secundus (*Pillans*) *H.P. Linder in Bothalia*, 15(3-4): 460 (1985): *Leptocarpus secundus*.
 singularis *E.E. Esterhuysen in Bothalia*, 15(3-4): 460 (1985)—South Africa (Cape Province).
 vallis-simius *H.P. Linder in Bothalia*, 15(3-4): 462 (1985)—South Africa (Cape Province).
 verrucosus *E.E. Esterhuysen in Bothalia*, 15(3-4): 462 (1985)—South Africa (Cape Province).
 versatilis *H.P. Linder in Bothalia*, 15(3-4): 463 (1985), nom. nov.: *Hypolaena diffusa Mast*.
 zuluensis *H.P. Linder in Bothalia*, 15(3-4): 463 (1985)—South Africa (Natal).

RESTREPIOPIA (Orchidac.).

- subgen. *Endressia C.A. Luer, Ic. Pleurothallid. I-Syst. Pleurothallidinae (Monogr. Syst. Bot. Missouri Bot. Gard. 15): 55 (1986)*.

RETAMA (Legumin.).

- ractam
 subsp. gussonei (*Webb*) *W. Greuter in Willdenowia*, 15(2): 429 (1986): *R. gussonei*.

RETROPHYLLUM C.N. Page in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 379 (1988 publ. 1989).
PODOCARPACEAE.

- comptonii (*Buchh.*) *C.N. Page in Notes Roy. Bot. Gard. Edinburgh*, 45(2): 380 (1988 publ. 1989): *Podocarpus comptonii*.
 minor (*Carr.*) *C.N. Page in Notes Roy. Bot. Gard. Edinburgh*, 45(2): 380 (1988 publ. 1989): *Nageia minor*.
 piresii (*Silba*) *C.N. Page in Notes Roy. Bot. Gard. Edinburgh*, 45(2): 380 (1988 publ. 1989): *Decussocarpus piresii*.
 rospigliosii (*Pilg.*) *C.N. Page in Notes Roy. Bot. Gard. Edinburgh*, 45(2): 380 (1988 publ. 1989): *Podocarpus rospigliosii*.
 vitense (*Seem.*) *C.N. Page in Notes Roy. Bot. Gard. Edinburgh*, 45(2): 380 (1988 publ. 1989): *Podocarpus vitense*.

REYNOUTRIA (Polygonac.).

- ×bohemica *J. Chrtek & A. Chrtková in Čas. Nár. Muz. (Prague)*, 152(2): 120 (1983)—Czechoslovakia. (*R. japonica* × *sachaliensis*).

RHAGADIOLUS (Compos.).

- stellatus
 subsp. edulis (*Gaertn.*) *O. de Bolòs & J. Vigo in Folia Bot. Misc.*, 6: 85 (1989): *R. edulis*.

RHAMNONEURON (Thymelaeac.).

- rubriflorum *C.Y. Wu ex S.C. Huang in Acta Bot. Yunnanica*, 7(3): 278 (1985)—China.

RHAMNUS (Rhamnac.).

- acuminata *B. Maguire & J.A. Steyermark in Mem. New York Bot. Gard.*, 51: 121 (1989)—Venezuela.
 calcicolus *Q.H. Chen in Acta Bot. Yunnanica*, 7(4): 413 (1985)—China.
 chiennanensis *Z.R. Xu in Acta Sci. Nat. Univ. Sunyatseni*, 1986(2): 100 (1986), without type—China.
 ×colmeiroi *D. Rivera Núñez, C. Obón de Castro & C. Selma Fernández in An. Jard. Bot. Madrid*, 45(2): 558 (1988 publ. 1989)—Spain. (*R. lycioides* × *saxatilis*).
 dalianensis *S.Y. Li & Z.H. Ning in Bull. Bot. Res. North-East. Forest. Inst.*, 8(2): 95 (1988)—China.
 erythroxyloides *Hoffmanns., Preiss-Verz.*: 38 (1833); *cf. D.J. Mabberley in Taxon*, 33(3): 433 (1984)—Locality not stated.
 globosa
var. meyeri (Schn.) S.Y. Li & Z.H. Ning in Bull. Bot. Res. North-East. Forest. Inst., 8(2): 99 (1988): *R. meyeri*.
 japonica
var. senanensis (Koidz.) H. Ohashi in J. Jap. Bot., 63(2): 64 (1988): *R. senanensis*.
 kiusiana *S. Hatusima in J. Phytogeogr. Taxon.*, 33(2): 71 (1985)—Japan.
 longipes *J.A. Steyermark in Ann. Missouri Bot. Gard.*, 75(3): 1066 (1988)—Venezuela.
 marahuacensis *J. Steyermark & B. Maguire in Acta Bot. Venezuel.*, 14(3): 22 (1984)—Venezuela.
 neblinensis *B. Maguire & J.A. Steyermark in Mem. New York Bot. Gard.*, 51: 119 (1989)—Venezuela.
 psilocarpa *B. Maguire & J.A. Steyermark in Mem. New York Bot. Gard.*, 51: 119 (1989)—Venezuela.
 qianweiensis *Z.Y. Zhu in Acta Bot. Bor.-Occid. Sin.*, 6(2): 135 (1986)—China.
 saxatilis
 subsp. prunifolius (*Sibth. & Sm.*) *B. Aldén in A. Strid (ed.), Mount. Fl. Greece*, 1: 586 (1986): *R. prunifolius*.
 subsp. rhodopeus (*Velen.*) *B. Aldén in A. Strid (ed.), Mount. Fl. Greece*, 1: 587 (1986): *R. rhodopeus*.
 serpyllacea *W. Greuter & Burdet in Willdenowia*, 19(1): 48 (1989), nom. nov.: *R. serpyllifolia Emberger & Maire*.
 sipapoensis *J.A. Steyermark in Ann. Missouri Bot. Gard.*, 75(3): 1066 (1988)—Venezuela.

RHAPHIDOSPORA (Acanthac.).

- bonneyana (*F. Muell.*) *R.M. Barker in J. Adelaide Bot. Gard.*, 9: 233 (1986): *Chloanthes bonneyana*.
 cavernarum (*F. Muell.*) *R.M. Barker in J. Adelaide Bot. Gard.*, 9: 232 (1986): *Justicia cavernarum*.

RHAPHIOLEPIS (Rosac.).

- indica
f. impressivena (Masamune) S.S. Ying, Coloured Illustr. Fl. Taiwan, 1: 371 (1985): *R. impressivena*.
f. minor (Makino) H. Ohashi in J. Jap. Bot., 63(1): 6 (1988): *R. umbellata var. minor*.
var. umbellata (Thunb. ex Murray) H. Ohashi in J. Jap. Bot., 63(1): 4 (1988): *Laurus umbellata*.
f. umbellata (Thunb. ex Murray) H. Ohashi in J. Jap. Bot., 63(1): 5 (1988): *Laurus umbellata*.

RHAPONTICUM (Compos.).

- behen (*L.*) *Ratier, Pharm. Franç.*: 121 (1827); *cf. D.J. Mabberley in Taxon*, 31(1): 72 (1982): *Centaurea behen*.

RHEUM (Polygonac.).

- compactum
var. orientale (Losinsk.) N.N. Tsvelev in Sosud. Rast. Sovet. Dal'nego Vostoka, 4: 55 (1989): *R. orientale*.
 ×svetlanae *L.S. Krasovskaya in L.S. Krasovskaya & I.G. Levichev, Fl. Chatkal'skogo Zapovednika: 170 (1986)—U.S.S.R. (Middle Asia)*. (*R. cordatum* × *maximowiczii*).

RHINACANTHUS (Acanthac.).

nasutus

var. *montana* (Clarke) G.R. Kumari in A.N. Henry, G.R. Kumari & V. Chithra, *Fl. Tamil Nadu, India, Ser. 1*, 2: 158 (1987): R. communis var. *montana*.

RHINACTINIDIA (Compos.).

eremophila (Bunge) Novopokr. ex V.P. Bochantsev in *Novosti Sist. Vyssh. Rast.*, 23: 180 (1986): Aster *eremophilus*.

subsp. *grubovii* V.P. Bochantsev in *Novosti Sist. Vyssh. Rast.*, 23: 180 (1986)—Mongolia.

limoniifolia (Less.) Novopokr. ex V.P. Bochantsev in *Novosti Sist. Vyssh. Rast.*, 23: 179 (1986): *Rhinactina limoniifolia*.

novopokrovskiyi (Krasch. & Iljin) Novopokr. ex V.P. Bochantsev in *Novosti Sist. Vyssh. Rast.*, 23: 181 (1986): Aster *novopokrovskiyi*.

popovii (Botsch.) V.P. Bochantsev in *Novosti Sist. Vyssh. Rast.*, 23: 179 (1986): Aster *popovii*.

RHINANTHUS (Scrophulariac.).

pumilus (Sterneck) A. Soldano in *Atti Soc. Ital. Sci. Nat. Mus. Civ. Stor. Nat. Milano*, 127(3-4): 216 (1986): *Alectorolophus pumilus*.

RHINERRHIZA (Orchidac.).

moorei (H.G. Reichb.) M.A. Clements, B. Wallace & D. Jones in *Austral. Orchid Res.*, 1: 128 (1989): *Thrixspernum moorei*.

RHIPIDOGLOSSUM (Orchidac.).

adoxum (Rasn.) K. Senghas in *Schlechter Orchideen*, 1(16-18): 1110 (1986): *Diaphanthe adoxa*.

candidum (Cribb) K. Senghas in *Schlechter Orchideen*, 1(16-18): 1110 (1986): *Diaphanthe candida*.

laticar (Hall) K. Senghas in *Schlechter Orchideen*, 1(16-18): 1110 (1986): *Diaphanthe laticar*.

melianthum (Cribb) K. Senghas in *Schlechter Orchideen*, 1(16-18): 1110 (1986): *Diaphanthe meliantha*.

montanum (Piers) K. Senghas in *Schlechter Orchideen*, 1(16-18): 1111 (1986): *Angraecum montanum*.

oxycentron (Cribb) K. Senghas in *Schlechter Orchideen*, 1(16-18): 1111 (1986): *Diaphanthe oxycentron*.

pachyrhizum (Cribb) K. Senghas in *Schlechter Orchideen*, 1(16-18): 1111 (1986): *Diaphanthe pachyrhiza*.

tanneri (Cribb) K. Senghas in *Schlechter Orchideen*, 1(16-18): 1111 (1986): *Diaphanthe tanneri*.

RHIPSALIS (Cactac.).

baccifera

subsp. *erythrocarpa* (Schumann) W. Barthlott in *Bradleya*, 5: 100 (1987): R. *erythrocarpa*.

subsp. *horrida* (Baker) W. Barthlott in *Bradleya*, 5: 100 (1987): R. *horrida*.

subsp. *mauritiana* (DC.) W. Barthlott in *Bradleya*, 5: 100 (1987): R. *cassitha* var. *mauritiana*.

occidentalis W. Barthlott & W. Rauh in *Kakt. And. Sukk.*, 38(1): 17 (1987)—Peru, Ecuador.

×RHIZANTHERA (Orchidac.).

intermedia L. Bernacki in *Fragm. Flor. Geobot.*, 31-32(1-2): 51 (1986-87 publ. 1988)—Poland. (*Dactylorhiza fuchsii* subsp. *fuchsii* × *Platanthera bifolia* subsp. *bifolia*).

martysiensis M. Balayer in *Bull. Soc. Bot. France, Lett. Bot.*, 133(3): 283 (1986)—France. (*Dactylorhiza fuchsii* × *Platanthera chlorantha*).

thilensis (G. Keller & Jeanjean) L.V. Aver'yanov in *Bot. Zhurn.*, 71(1): 93 (1986): ×*Orchiplatanthera thilensis*.

RHODALSINE (Caryophyllac.).

geniculata

var. *procumbens* (Vahl) A. Dubuis in *Soc. Ech. Pl. Vasc. Eur. Bassin Médit. Bull.*, 22: 63 (1986-87 publ. 1988): *Arenaria procumbens*.

RHODAMNIA (Myrtac.).

dumicola G.P. Guymer & L.W. Jessup in *Austrobaileya*, 2(3): 228 (1986)—Australia (Queensland).

RHODAMNIA :-

glabrescens G.P. Guymer & L.W. Jessup in *Austrobaileya*, 2(3): 231 (1986)—Australia (Queensland).

pauciovulata G.P. Guymer in *Austrobaileya*, 2(5): 515 (1988)—Australia (Queensland).

whiteana G.P. Guymer & L.W. Jessup in *Austrobaileya*, 2(3): 229 (1986)—Australia (Queensland, New South Wales).

RHODAX (Cistac.).

allionii (Tineo) J. Holub in *Preslia*, 58(4): 302 (1986): *Helianthemum allionii*.

frigidulus (Cuatrec.) J. Holub in *Preslia*, 58(4): 302 (1986): *Helianthemum frigidulum*.

nebrodensis (Heldr.) J. Holub in *Preslia*, 58(4): 302 (1986): *Helianthemum nebrodensis*.

piloselloides (Lapeyr.) J. Holub in *Preslia*, 58(4): 302 (1986): *Cistus piloselloides*.

pouretii (Timb.-Lagr.) J. Holub in *Preslia*, 58(4): 302 (1986): *Helianthemum pouretii*.

rotundifolius (Dunal) J. Holub in *Preslia*, 58(4): 302 (1986): *Helianthemum rotundifolium*.

serrae (Camb.) J. Holub in *Preslia*, 58(4): 302 (1986): *Helianthemum serrae*.

viscarioides (Heritier) J. Holub in *Preslia*, 58(4): 302 (1986): *Helianthemum viscarioides*.

RHODIOLA (Crassulac.).

chrysanthemifolia

subsp. *liciae* (R.-Hamet) H. Ohba in *Acta Phytotax. Geobot.*, 38: 216 (1987): *Sedum liciae*.

imbricata

var. *lobulata* N.B. Singh & U.C. Bhattacharyya in *Bull. Bot. Surv. India*, 25(1-4): 246 (1983 publ. 1985)—India.

lobulata (Singh & Bhattacharyya) H. Ohba in *J. Jap. Bot.*, 61(7): 205 (1986): R. *imbricata* var. *lobulata*.

phariensis (H. Ohba) S.H. Fu in *Fl. Xizangica*, 2: 427 (1985): *Sedum phariense*.

purpureoviridis

subsp. *phariensis* (H. Ohba) H. Ohba in *J. Jap. Bot.*, 61(7): 206 (1986): *Sedum phariense*.

sacra

var. *tsuiana* (S.H. Fu) S.H. Fu in *Fl. Xizangica*, 2: 426 (1985): R. *tsuiana*.

staminea (O. Pauls.) S.H. Fu in *Fl. Xizangica*, 2: 428 (1985): *Sedum stamineum*.

tangutica (Maxim.) S.H. Fu in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(4): 158 (1986): *Sedum algidum* var. *tanguticum*.

RHODOCHITON (Scrophulariac.).

hintonii (Elsens) D.A. Sutton, *Revis. tribe Antirrhineae*: 508 (1988): *Lophospermum hintonii*.

nubicola (Elsens) D.A. Sutton, *Revis. tribe Antirrhineae*: 509 (1988): *Lophospermum nubicola*.

RHODOCCOCUM (Ericac.).

vitis-idaea

subsp. *minus* (Lodd.) V.G. Sergienko, *Fl. poluostrova Kanin*: 83 (1986), without basionym ref.: Basionym not stated.

RHODOCOMA (Restionac.).

fruticososa (Thumb.) H.P. Linder in *Bothalia*, 15(3-4): 479 (1985): *Restio fruticosus*.

gigantea (Kunth) H.P. Linder in *Bothalia*, 15(3-4): 479 (1985): *Thamnochortus giganteus*.

RHODODENDRON (Ericac.).

ser. *Adenogyna* W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 30 (1987), nom. nov.: R. subser. *Adenogynum* Tagg.

ser. *Argyrophylla* H.H. Davidian, *Rhododendron Species*, 2 (Ser. *Arboreum-Lacteam*): 309 (1989).

subsect. *Brachycalyces* W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 28 (1987), nom. nov.: R. sect. *Brachycalyx Sweet*.

sect. *Bullatorhodion* W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 25 (1987), nom. nov.: R. ser. *Edgeworthii Hutch*.

ser. *Calophyta* W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 29 (1987), nom. nov.: R. subser. *Calophytum* Tagg.

subser. *Campanulata* H.H. Davidian, *Rhododendron Species*, 2 (Ser. *Arboreum-Lacteam*): 309 (1989).

RHODODENDRON :-

subsect. *Canadensis* (Rehd.) W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 28 (1987), nom. nov.: R. subser. *Canadense* Rehd.

subsect. *Caucasica* W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 30 (1987), nom. nov.: R. subser. *Caucasicum* Tagg.

subsect. *Cilicalyces* W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 26 (1987), nom. nov.: R. subser. *Cilicalyx Hutch*.

subsect. *Davidia* W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 29 (1987), without type.

ser. *Davidia* W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 29 (1987), nom. nov.: R. subser. *Davidii* Tagg.

sect. *Destaminorhodion* W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 27 (1987).

ser. *Fulgensia* H.H. Davidian, *Rhododendron Species*, 2 (Ser. *Arboreum-Lacteam*): 309 (1989).

ser. *Griersoniana* H.H. Davidian, *Rhododendron Species*, 2 (Ser. *Arboreum-Lacteam*): 309 (1989).

ser. *Griffithiana* W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 30 (1987), nom. nov.: R. subser. *Griffithianum* Tagg.

sect. *Lactanthes* W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 30 (1987).

subser. *Lanata* H.H. Davidian, *Rhododendron Species*, 2 (Ser. *Arboreum-Lacteam*): 309 (1989).

subsect. *Ledum* (L.) K.A. Kron & W.S. Judd in *Syst. Bot.*, 15(1): 67 (1990): gen. *Ledum*.

subsect. *Lutea* W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 28 (1987), nom. nov.: R. subser. *Luteum* Rehd.

subgen. *Maddenodendron* W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 25 (1987).

sect. *Maddenodendron* W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 26 (1987).

subsect. *Megacalyces* W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 26 (1987), nom. nov.: R. subser. *Megacalyx Hutch*.

sect. *Microrhodion* W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 27 (1987), nom. nov.: R. ser. *Micranthum Hutch*.

sect. *Moupinensorhodion* W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 25 (1987), nom. nov.: R. ser. *Moupinense Hutch*.

subsect. *Obtusa* W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 28 (1987), nom. nov.: R. subser. *Obtusum Rehd*.

ser. *Orbicularia* W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 29 (1987), nom. nov.: R. subser. *Orbiculare* Tagg.

subsect. *Oreodoxa* W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 29 (1987), without type.

ser. *Oreodoxa* (Tagg) W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 29 (1987): R. subser. *Oreodoxa*.

ser. *Parishia* H.H. Davidian, *Rhododendron Species*, 2 (Ser. *Arboreum-Lacteam*): 310 (1989).

subsect. *Pogonantha* W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 27 (1987), nom. nov., without replaced synonym ref.: R. sect. *Pogonanthum G. Don*.

sect. *Pseudorhodion* W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 26 (1987).

ser. *Roxicana* W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 30 (1987), nom. nov.: R. subser. *Roxieanum* Tagg.

subsect. *Sanguinea* W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 30 (1987), nom. nov.: R. subser. *Sanguineum* Tagg.

subsect. *Setosa* W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 27 (1987), nom. nov.: R. sect. *Setosum Philipson & Philipson*.

ser. *Sherriffia* H.H. Davidian, *Rhododendron Species*, 2 (Ser. *Arboreum-Lacteam*): 310 (1989).

subsect. *Tashiroia* W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 28 (1987), nom. nov.: R. subser. *Tashiroi Rehd*.

ser. *Wasonia* W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 31 (1987), nom. nov.: R. subser. *Wasonii* Tagg.

subser. *Williamsiana* H.H. Davidian, *Rhododendron Species*, 2 (Ser. *Arboreum-Lacteam*): 310 (1989).

subsect. *Yunnanensis* W. Spethmann in *Pl. Syst. Evol.*, 157(1-2): 27 (1987).

alborugosum G.C.G. Argent & J. Dransfield in *Notes Roy. Bot. Gard. Edinburgh*, 46(1): 27 (1989)—

Borneo (Kalimantan).

RHODODENDRON :-

- amakusaense (*Takada ex Yamazaki*) *T. Yamazaki* in *J. Jap. Bot.*, 62(3): 72 (1987): *R. viscistylum* var. amakusaense.
- anthosphærum
var. eritimum (*Balf. f. & W.W. Sm.*) *H.H. Davidian*, *Rhododendron Species*, 2 (*Ser. Arboreum-Lacteam*): 261 (1989): *R. eritimum*.
- arunachalense *D.F. Chamberlain & S.J. Rae* in *Edinburgh J. Bot.*, 47(2): 197 (1990)—India.
- asterochnum
var. brevipedicellatum *W.K. Hu* in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 57 (1988)—China.
- atropunicum *H.P. Yang* in *Acta Bot. Yunnanica*, 10(3): 367 (1988)—China.
- bellum *H.P. Yang* in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(1): 18 (1989)—China.
- bhutanense *D.G. Long & Bowes Lyon* in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 327 (1988 publ. 1989)—Bhutan.
- brachycarpum
f. fauriae (*Franch.*) *G. Murata* in *Acta Phytotax. Geobot.*, 38: 56 (1987): *R. fauriae*.
- brevicaudatum *R.C. Fang & S.S. Chang* in *Acta Bot. Yunnanica*, 10(3): 369 (1988)—China.
- calophyllum
subsp. jinpuense *M.Y. Fang* in *Acta Phytotax. Sin.*, 26(1): 68 (1988)—China.
var. jinpuense *Fang & W.K. Hu* in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 56 (1988)—China.
var. pauciflorum *W.K. Hu* in *Acta Phytotax. Sin.*, 26(4): 304 (1988)—China.
- ×charadzeae *A.P. Khokhryakov & Mazurenko* in *Byull. Glavn. Bot. Sada (Moscow)*, 152: 58 (1989)—U.S.S.R. (Caucasus). (*R. smirnovii* × *ungernii*).
- ciliicalyx
subsp. lyi (*Lévl.*) *R.C. Fang* in *Fl. Yunnanica*, 4: 479 (1986), without basionym fl.: *R. lyi*.
- clementinae
subsp. aureodorsale *W.P. Fang ex J.Q. Fu* in *Fl. Tsinlingensis*, 1(4): 393, 20 (1983)—China.
- columbianum (*Piper*) *H. Harnaja* in *Ann. Bot. Fenn.*, 27(2): 203 (1990): *Ledum columbianum*.
- danbaense *L.C. Hu* in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 155 (1986)—China.
- decorum
subsp. cordatum *W.K. Hu* in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 58 (1988)—China.
subsp. parvistigmatis *W.K. Hu* in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 57 (1988)—China.
- degronianum
f. amagianum (*Yamazaki*) *H. Hara* in *J. Jap. Bot.*, 61(8): 246 (1986): *R. metternichii* f. amagianum.
subsp. heptamerum (*Maxim.*) *H. Hara* in *J. Jap. Bot.*, 61(8): 246 (1986): *R. metternichii* a. heptamerum.
var. hondoense (*Nakai*) *H. Hara* in *J. Jap. Bot.*, 61(8): 246 (1986): *R. metternichii* var. hondoense.
var. intermedium (*Sugimoto*) *H. Hara* in *J. Jap. Bot.*, 61(8): 247 (1986): *R. metternichii* var. intermedium.
var. kyomaruense (*Yamazaki*) *H. Hara* in *J. Jap. Bot.*, 61(8): 246 (1986): *R. metternichii* var. kyomaruense.
subsp. yakushmanum (*Nakai*) *H. Hara* in *J. Jap. Bot.*, 61(8): 246 (1986): *R. yakushmanum*.
- delavayi
var. albotomentosum *H.H. Davidian*, *Rhododendron Species*, 2 (*Ser. Arboreum-Lacteam*): 308, 75 (1989)—Burma.
- ebianense *M.Y. Fang* in *Rhododendron Notes Records*, 2: 23 (1988)—China.
- fictolacteam
var. miniforme *H.H. Davidian*, *Rhododendron Species*, 2 (*Ser. Arboreum-Lacteam*): 308, 170 (1989)—China, Xizang.
- glaucophyllum
subsp. tubiforme (*Cowan & Davidian*) *D.G. Long* in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 330 (1988 publ. 1989): *R. glaucophyllum* var. tubiforme.
- gonggashanense *W.K. Hu* in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 55 (1988)—China.

RHODODENDRON :-

- groenlandicum (*Oeder*) *K.A. Kron & W.S. Judd* in *Syst. Bot.*, 15(1): 67 (1990): *Ledum groenlandicum*.
- heftii *H.H. Davidian*, *Rhododendron Species*, 2 (*Ser. Arboreum-Lacteam*): 307, 149 (1989)—Nepal.
- heteroclitum *H.P. Yang* in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(1): 17 (1989)—China.
- huadingense *B.Y. Ding & Y.Y. Fang* in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(1): 31 (1990), with two types cited—China.
- hypoleucum (*Kom.*) *H. Harnaja* in *Ann. Bot. Fenn.*, 27(2): 203 (1990): *Ledum hypoleucum*.
- hyugaense (*Yamazaki*) *T. Yamazaki* in *J. Jap. Bot.*, 62(3): 72 (1987): *R. viscistylum* var. hyugaense.
- japonoheptamerum *S. Kitamura* in *Acta Phytotax. Geobot.*, 38: 382 (1987), nom. nov.: *Hymenanthus japonica* *Blume*.
var. hondoense (*Nakai*) *S. Kitamura* in *Acta Phytotax. Geobot.*, 38: 382 (1987): *R. metternichii* var. hondoense.
- kangdingense *Z.J. Zhao* in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(3): 61 (1987)—China.
- kesangiae *D.G. Long & Rushforth* in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 331 (1988 publ. 1989)—Bhutan.
- kisianum
var. sataense (*Nakai*) *D.F. Chamberlain & S.J. Rae* in *Edinburgh J. Bot.*, 47(2): 122 (1990): *R. sataense*.
- lagopus
var. niphophilum (*Yamazaki*) *T. Yamazaki* in *J. Jap. Bot.*, 63(12): 410 (1988): *R. nudipes* subsp. niphophilum.
var. tokushimense (*Yamazaki*) *T. Yamazaki* in *J. Jap. Bot.*, 63(12): 410 (1988): *R. nudipes* var. tokushimense.
var. tsurugisanense (*Yamazaki*) *T. Yamazaki* in *J. Jap. Bot.*, 63(12): 410 (1988): *R. nudipes* var. tsurugisanense.
- lanigerum
var. silvaticum (*Cowan*) *H.H. Davidian*, *Rhododendron Species*, 2 (*Ser. Arboreum-Lacteam*): 77 (1989): *R. silvaticum*.
- leiboense *Z.J. Zhao* in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(3): 57 (1987)—China.
- liaoxigensis *S.L. Tung & Z. Lu* in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(2): 155 (1988)—China.
- longicalyx *M.Y. Fang* in *Acta Phytotax. Sin.*, 26(1): 67 (1988)—China.
- luhuoense *H.P. Yang* in *Acta Bot. Yunnanica*, 10(3): 368 (1988)—China.
- macrosmithii *H.H. Davidian*, *Rhododendron Species*, 2 (*Ser. Arboreum-Lacteam*): 113 (1989), nom. nov.: *R. smithii* *Nutt. ex W.J. Hooker*.
- magniflorum *W.K. Hu* in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 51 (1988)—China.
- mainlingense *S.H. Huang & R.C. Fang* in *Fl. Xizangica*, 3: 674 (1986)—Xizang.
- mariae
subsp. kwangsiense (*P.X. Tan*) *D.F. Chamberlain & S.J. Rae* in *Edinburgh J. Bot.*, 47(2): 106 (1990): *R. kwangsiense*.
- megalanthum *M.Y. Fang* in *Acta Phytotax. Sin.*, 26(1): 66 (1988)—Xizang.
- mianningense *Z.J. Zhao* in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(3): 59 (1987)—China.
- miyiense *W.K. Hu* in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 52 (1988)—China.
- mucronulatum
var. chejuense *H.H. Davidian*, *Rhododendron Species*, 2 (*Ser. Arboreum-Lacteam*): 309 (1989)—Korea.
nanjianense *K.M. Feng & Z.H. Yang* in *Acta Bot. Yunnanica*, 9(1): 55 (1987)—China.
- neoglandulosum *H. Harnaja* in *Ann. Bot. Fenn.*, 27(2): 203 (1990), nom. nov.: *Ledum glandulosum* *Nutt.*
- nyingchiense *R.C. Fang & S.H. Huang* in *Fl. Xizangica*, 3: 674 (1986)—Xizang.
- nymphaeoides *W.K. Hu* in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 54 (1988)—China.
- oblancifolium *M.Y. Fang* in *Rhododendron Notes Records*, 2: 25 (1988)—China.
- ochraceum
var. brevicarpum *W.K. Hu* in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 56 (1988)—China.

RHODODENDRON :-

- orbiculare
subsp. oblongum *W.K. Hu* in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 58 (1988)—China.
- oreodoxa
var. adenostylosum *Fang & W.K. Hu* in *Acta Phytotax. Sin.*, 26(4): 304 (1988)—Xizang, China.
- pachytrichum
var. tenuistylosum *W.K. Hu* in *Acta Phytotax. Sin.*, 26(4): 304 (1988)—China.
- palustre (*L.*) *K.A. Kron & W.S. Judd* in *Syst. Bot.*, 15(1): 67 (1990): *Ledum palustre*.
- pentaphyllum
var. shikokianum *T. Yamazaki* in *J. Jap. Bot.*, 63(9): 312 (1988)—Japan.
- periclymenoides
f. album (*Ait.*) *C.F. Reed* in *Phytologia*, 63(5): 411 (1987): *Azalea nudiflora* ♂ alba.
f. glandiferum (*Porter*) *C.F. Reed* in *Phytologia*, 63(5): 411 (1987): *Azalea nudiflora* var. glandifera.
f. glandiferum (*Porter*) *L.J. Uttal* in *Sida*, 13(2): 169 (1988), isonym: *Azalea nudiflora* var. glandifera.
- pilostylum *W.K. Hu* in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 49 (1988)—China.
- poluninii *H.H. Davidian*, *Rhododendron Species*, 2 (*Ser. Arboreum-Lacteam*): 307, 155 (1989)—Bhutan.
- praeteritum
var. hirsutum *W.K. Hu* in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 58 (1988)—China.
- principis
var. vellereum (*Hutch. ex Tagg.*) *T.L. Ming* in *Fl. Xizangica*, 3: 621 (1986): *R. vellereum*.
- quinquefolium
f. speciosum *N. Yonezawa* in *J. Phytogeogr. Taxon.*, 35(2): 101 (1987)—Japan.
- reticulatum
var. bifolium *T. Yamazaki* in *J. Jap. Bot.*, 62(9): 288 (1987)—Japan.
- roxieanum
var. parvum *H.H. Davidian*, *Rhododendron Species*, 2 (*Ser. Arboreum-Lacteam*): 308 (1989)—China.
- rubropunctatum *T.L. Ming* in *Fl. Xizangica*, 3: 603 (1986), as 'rubro-punctatum'—Xizang.
- saxatile *B.Y. Ding & Y.Y. Fang* in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 29 (1987)—China.
- scabrum
subsp. amanoi (*Ohwi*) *D.F. Chamberlain & S.J. Rae* in *Edinburgh J. Bot.*, 47(2): 113 (1990): *R. amanoi*.
- scyphocalyx
var. septendriionale *Tagg ex H.H. Davidian*, *Rhododendron Species*, 2 (*Ser. Arboreum-Lacteam*): 308 (1989)—Burma, China.
- serpyllifolium
f. album *T. Yamazaki* in *J. Jap. Bot.*, 64(9): 280 (1989)—Japan.
- stenopetalum (*Hogg*) *D.J. Mabberley* in *Feddes Repert.*, 101(5-6): 270 (1990): *Azalea stenopetala*.
- subarcticum *H. Harnaja* in *Ann. Bot. Fenn.*, 27(2): 203 (1990), nom. nov.: *Ledum palustre* var. *decumbens* *Aiton*.
- taishunense *B.Y. Ding & Y.Y. Fang* in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(2): 27 (1987)—China.
- tenuifolium *R.C. Fang & S.H. Huang* in *Fl. Xizangica*, 3: 647 (1986)—Xizang.
- tolmachevii *H. Harnaja* in *Ann. Bot. Fenn.*, 27(2): 204 (1990), nom. nov.: *Ledum macrophyllum* *Tolm.*
- tomentosum (*Stokes*) *H. Harnaja* in *Ann. Bot. Fenn.*, 27(2): 204 (1990): *Ledum tomentosum*.
- tsariense
var. magnum *H.H. Davidian*, *Rhododendron Species*, 2 (*Ser. Arboreum-Lacteam*): 308, 157 (1989)—Bhutan.
var. trimoense *H.H. Davidian*, *Rhododendron Species*, 2 (*Ser. Arboreum-Lacteam*): 308, 157 (1989)—Xizang.
- tsinlingense *W.P. Fang ex J.Q. Fu* in *Fl. Tsinlingensis*, 1(4): 393, 10 (1983)—China.
- verruciferum *W.K. Hu* in *Acta Phytotax. Sin.*, 26(4): 301 (1988)—China.
- viscidum *C.Z. Guo & Z.H. Liu* in *Acta Bot. Yunnanica*, 10(4): 497 (1988)—China.

RHODODENDRON :-

- wasonii
var. wenchuanense L.C. Hu in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 156 (1986), as 'uenchuanense'—China.
wolongense W.K. Hu in *Acta Phytotax. Sin.*, 26(4): 303 (1988)—China.
wuyishanicum L.K. Ling in *Fl. Fujianica*, 4: 633 (1989 publ. 1990)—China.
xichangense Z.J. Zhao in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(3): 60 (1987)—China.
xizangense W.P. Fang & W.K. Hu ex Q.Z. Yu in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(1): 167 (1986)—Xizang.
yakumontanum (Yamazaki) T. Yamazaki in *J. Jap. Bot.*, 62(3): 72 (1987); R. nudipes subsp. yakumontanum.
yaogangxianense Q.X. Liu in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 87 (1988)—China.
yedoense
var. hallaisanense (Léveillé) T. Yamazaki in *J. Jap. Bot.*, 62(9): 260 (1987); R. hallaisanense.
yizhangense Q.X. Liu in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 86 (1988)—China.

RHODOPHALA (Amaryllidac.).

- herbertiana (Lindley) A.T. Hunziker in *Lorentzia*, 5: 13 (1985); Phycella herbertiana.
phycelloides (Herbert) A.T. Hunziker in *Lorentzia*, 5: 15 (1985); Habranthus phycelloides.

RHODOSPATA (Arac.).

- brachypoda G.S. Bunting in *Phytologia*, 64(6): 479 (1988)—Venezuela.
cardonae G.S. Bunting in *Phytologia*, 64(6): 479 (1988)—Venezuela.
falconensis G.S. Bunting in *Phytologia*, 60(5): 336 (1986)—Venezuela.
guasarensis G.S. Bunting in *Phytologia*, 60(5): 337 (1986)—Venezuela.
steyermarkii G.S. Bunting in *Phytologia*, 60(5): 337 (1986)—Venezuela.

RHODOSTEMONODAPHNE (Laurac.).

- anomala (Mez) J.G. Rohwer in *Mitt. Inst. Allg. Bot. Hamburg*, 20: 83 (1986); Nectandra anomala.
celiana (C.K. Allen) J.G. Rohwer in *Mitt. Inst. Allg. Bot. Hamburg*, 20: 85 (1986); Ocotea celiana.
dioica (Mez) J.G. Rohwer in *Mitt. Inst. Allg. Bot. Hamburg*, 20: 83 (1986); Nectandra dioica.
grandis (Mez) J.G. Rohwer in *Mitt. Inst. Allg. Bot. Hamburg*, 20: 84 (1986); Endlicheria grandis.
kunthiana (Nees) J.G. Rohwer in *Mitt. Inst. Allg. Bot. Hamburg*, 20: 84 (1986); Acrodichidium kunthianum.
laxa (Meissn.) J.G. Rohwer in *Mitt. Inst. Allg. Bot. Hamburg*, 20: 83 (1986); Synandrodaphne laxa.
miranda (Sandw.) J.G. Rohwer in *Mitt. Inst. Allg. Bot. Hamburg*, 20: 85 (1986); Nectandra miranda.
mirecolorata (C.K. Allen) J.G. Rohwer in *Mitt. Inst. Allg. Bot. Hamburg*, 20: 86 (1986); Ocotea mirecolorata.
steyermarkiana (Allen) H. van der Werff in *Ann. Missouri Bot. Gard.*, 76(2): 474 (1989); Ocotea steyermarkiana.

RHOICISSUS (Vitac.).

- tridentata
subsp. cuneifolia (Eckl. & Zeyh.) N.R. Urton in *S. Afr. J. Bot.*, 52(5): 393 (1986); Cissus cuneifolia.

RHUS (Anacardiaceae).

- acoeksii R.O. Moffett in *S. Afr. J. Bot.*, 54(2): 172 (1988)—South Africa (Cape Province, Natal).
aromatica
var. simplicifolia (Greene) A. Cronquist in *Great Basin Nat.*, 46(2): 254 (1986); R. canadensis var. simplicifolia.
subsp. trilobata (Nutt.) W.A. Weber in *Phytologia*, 67(6): 426 (1989); R. trilobata.
glutinosa
subsp. abyssinica (Oliv.) M.G. Gilbert in *Nordic J. Bot.*, 6(5): 572 (1986); R. abyssinica.
subsp. neoglutinosa (M.G. Gilbert) M.G. Gilbert in *Nordic J. Bot.*, 6(5): 572 (1986); R. neoglutinosa.
heterophylla C.C. Gmel., *Hort. Mag. Duc. Bad. Carlsruh.*: 225 (1811); cf. D.J. Mabberley in *Taxon*, 33(3): 440 (1984)—Locality not stated.

RHUS :-

- neoglutinosa M.G. Gilbert in *Nordic J. Bot.*, 6(2): 139 (1986)—Ethiopia.
radicans
subsp. negundo (Greene) J. McNeill in *Nat. Canad.*, 108(3): 238 (1981); Toxicodendron negundo.
subsp. rydbergii (Small ex Rydb.) J. McNeill in *Nat. Canad.*, 108(3): 238 (1981); R. rydbergii.
wilsonii
var. glabra Y.T. Wu in *Fl. Sichuanica*, 4: 135 (1988)—China.

RHYNCHOPHREATIA (Orchidac.).

- carolinensis (Schltr.) F.R. Fosberg & M.H. Sacht in *Micronesica*, 20(1-2): 152 (1987); Phreatia carolinensis.
pacificae (Fukuyama) F.R. Fosberg & M.H. Sacht in *Micronesica*, 20(1-2): 152 (1987); Phreatia pacifica.

RHYNCHOSIA (Legumin.).

- emarginata G. Germishuizen in *Bothalia*, 17(2): 181 (1987)—South Africa (Cape Province).
fischeri P. Satyanarayana & K. Thothathri in *Bull. Bot. Surv. India*, 28(1-4): 241 (1986 publ. 1988)—India.
hainiesiana P. Satyanarayana & K. Thothathri in *Bull. Bot. Surv. India*, 28(1-4): 243 (1986 publ. 1988)—India.
meeboldii P. Satyanarayana & K. Thothathri in *Bull. Bot. Surv. India*, 28(1-4): 243 (1986 publ. 1988)—India.
megalocalyx M. Thulin in *Nordic J. Bot.*, 8(5): 480 (1989)—Somali Republic.

RHYNCHOSPORA (Cyperac.).

- calderana D.A. Simpson in *Kew Bull.*, 42(4): 891 (1987)—Brazil.
chinensis
subsp. spiciformis (Hillebr.) T. Koyama in *Bishop Mus. Occas. Pap.*, 29: 127 (1989); R. spicaeformis.
durangensis R. Kral & W.W. Thomas in *Brittonia*, 38(3): 214 (1986)—Mexico.
eburnea R. Kral & W.W. Thomas in *Brittonia*, 40(1): 32 (1988)—Brazil, Venezuela.
ierensis C.D. Adams in *Phytologia*, 63(4): 298 (1987)—Trinidad.
jaliscensis R. McVaugh in *Acta Bot. Mex.*, 11: 15 (1990)—Mexico.
oaxacana R. Kral & W.W. Thomas in *Brittonia*, 38(3): 210 (1986)—Mexico.
pirrensis W.W. Thomas in *Brittonia*, 38(4): 314 (1986)—Panama.
rosemariana D.A. Simpson in *Kew Bull.*, 44(2): 289 (1989)—Brazil.
rugosa
subsp. lavarum (Gaud.) T. Koyama in *Bishop Mus. Occas. Pap.*, 29: 127 (1989); R. lavarum.
waspmensis R. Kral & W.W. Thomas in *Brittonia*, 40(1): 34 (1988)—Nicaragua.

RHYNCHOSTYLIS (Orchidac.).

- gigantea
subsp. violacea (Lindl.) E.A. Christenson in *Indian Orchid J.*, 1(4): 154 (1985); et in *Selbyana*, 9(1): 169 (1986); Vanda violacea.

RHYTIDOCAULON (Asclepiadac.).

- tortum (N.E. Br.) M.G. Gilbert in *Bradleya*, 8: 29 (1990); Caralluma torta.

RIBES (Grossulariac.).

- fuyunense T.C. Ku & F. Konta in *Guihaia*, 9(4): 287 (1989)—Xinjiang.
glaciale
f. hirsutum T.C. Ku in *Guihaia*, 9(4): 287 (1989)—China.
gongshanense T.C. Ku in *Guihaia*, 9(4): 285 (1989)—China.
himalense
var. trichophyllum T.C. Ku in *Guihaia*, 9(4): 288 (1989)—China.
longiracemosum
var. pilosum T.C. Ku in *Guihaia*, 9(4): 288 (1989)—China.

RIBES :-

- meyeri
var. tianschanicum C.Y. Yang & Y.L. Han in *Claves Pl. Xinjiang.*, 2: 481 (1982), without latin descr. or type—Xinjiang.
moupinense
f. incisoseratum T.C. Ku in *Guihaia*, 9(4): 288 (1989), as 'inciso-serratum'—China.
var. muliense S.H. Yu & J.M. Xu in *Acta Phytotax. Sin.*, 28(4): 327 (1990)—China.
×nidigrolaria R. & A. Bauer in *Osnabrücker Naturwiss. Mitt.*, 15: 50 (1989)—Cultivation.
palmatum Hort. Par. ex Fée, *Cat. Méth. Pl. Jard. Bot. Strasb.*: 92 (1836); cf. D.J. Mabberley in *Taxon*, 32(1): 86 (1983)—Locality not stated.
tianquanense S.H. Yu & J.M. Xu in *Acta Phytotax. Sin.*, 28(4): 325 (1990)—China.
triste
f. repens (Baranov) Y.L. Chou, *Ligneous Fl. Heilongjiang*: 267 (1986); R. repens.
uniformum T.C. Ku in *Guihaia*, 9(4): 286 (1989)—China.

RICHERIA (Euphorbiac.).

- dressleri G.L. Webster in *Ann. Missouri Bot. Gard.*, 75(3): 1094 (1988)—Panama, Costa Rica.
tomentosa M.J. Huft in *Ann. Missouri Bot. Gard.*, 76(4): 1078 (1989)—Colombia.

RICINUS (Euphorbiac.).

- compactus Huber, *Cat. Print. 1865*: 8 (1865); cf. D.J. Mabberley in *Taxon*, 34(3): 451 (1985)—Locality not stated.

RIEDELIA (Zingiberac.).

- cordylinoides (Ridley) R.M. Smith in *Edinburgh J. Bot.*, 47(1): 65 (1990); Alpinia cordylinoides.

RINDERIA (Boraginac.).

- cycloclonta A. Bunge, *Beitr. Fl. Russl.*: 239 (1852)—U.S.S.R. (Middle Asia).†

RINOREA (Violac.).

- laevigata (Solander ex Gingins) W.H.A. Hekking in *Fl. Neotrop.*, 46: 58 (1988); Physiphora laevigata.
pubiflora
f. andersonii (Sandwith ex Hekking) W.H.A. Hekking in *Fl. Neotrop.*, 46: 110 (1988), varietal basionym not illegit.: R. passoura var. andersonii.
var. grandifolia (Eichler) W.H.A. Hekking in *Fl. Neotrop.*, 46: 109 (1988); Alsodeia falcata var. grandifolia.
f. grandifolia (Eichler) W.H.A. Hekking in *Fl. Neotrop.*, 46: 109 (1988); Alsodeia falcata var. grandifolia.

RINZIA (Myrtac.).

- affinis M.E. Trudgen in *Nuytsia*, 5(3): 431 (1986)—Australia (W. Australia).
carnosa (S. Moore) M.E. Trudgen in *Nuytsia*, 5(3): 426 (1986); Baeckea carnosa.
communis M.E. Trudgen in *Nuytsia*, 5(3): 435 (1986)—Australia (W. Australia).
dimorphandra (F. Muell. ex Benth.) M.E. Trudgen in *Nuytsia*, 5(3): 430 (1986); Baeckea dimorphandra.
morrisonii M.E. Trudgen in *Nuytsia*, 5(3): 423 (1986)—Australia (W. Australia).
rubra M.E. Trudgen in *Nuytsia*, 5(3): 427 (1986)—Australia (W. Australia).
schollerifolia (Lehm.) M.E. Trudgen in *Nuytsia*, 5(3): 422 (1986); Baeckea schollerifolia.
sessilis M.E. Trudgen in *Nuytsia*, 5(3): 436 (1986)—Australia (W. Australia).

RIOCREUXIA (Asclepiadac.).

- bubalina W. Elliot, *Fl. Andhirica*, 59 (1859); cf. D.J. Mabberley in *Taxon*, 32(1): 87 (1983)—Locality not stated.

RIPOGONUM (Liliac.).

- brevifolium J.G. Conran & H.T. Clifford in *Fl. Australia*, 46: 231, 189 (1986)—Australia (Queensland, New South Wales).

RISTANTIA (Myrtac.).

- gouldii Peter G. Wilson & B.P.M. Hyland in *Telopea*, 3(2): 267 (1988)—Australia (Queensland).

RISTANTIA :-

waterhousei *Peter G. Wilson & B.P.M. Hyland in Telopea*, 3(2): 268 (1988)—Australia (Queensland).

RITCHIEA (Capparac.).

simplicifolia

var. *caloneura* (Gilg) L.E. Kers in *Fl. Cameroun*, 29: 102 (1986): *R. caloneura*.

RIVINA (Phytolaccac.).

herbacea *Huber, Cat. Gén. 1871 & 1872*: 4 (1871); cf. *D.J. Mabberley in Taxon*, 34(3): 451 (1985)—Locality not stated.

ROBINIA (Legumin.).

halodendron *P.S. Pallas, Reise Russ. Reich.*, 2(2): 741 (1773), in *Index Kewensis* vol. 2, fasc. 4 as 'halodendrum'—Siberia.†

ROBIQUETIA (Orchidac.).

merrilliana (Ames) E. Lückel, M. Wolff & J.J. Wood in *Orchidee*, 40(3): 109 (1989): *Sarcanthus merrillianus*.

ROCHELIA (Boraginac.).

cardiosepala *A. Bunge, Beitr. Fl. Russl.*: 244 (1852)—U.S.S.R. (Middle Asia).†
macrocalyx *A. Bunge, Beitr. Fl. Russl.*: 243 (1852)—U.S.S.R. (Middle Asia).†

RODRIGUEZIA (Orchidac.).

chasei *C.H. Dodson & D.E. Bennett in Ic. Pl. Trop.*, Ser. 2, 2: t. 163 (1989)—Peru.
chimorensis *C.H. Dodson & R. Vásquez Ch. in Ic. Pl. Trop.*, Ser. 2, 4: t. 369 (1989)—Bolivia.
fernandezii *C.H. Dodson & D.E. Bennett in Ic. Pl. Trop.*, Ser. 2, 2: t. 164 (1989)—Peru.
satipoana *C.H. Dodson & D.E. Bennett in Ic. Pl. Trop.*, Ser. 2, 2: t. 165 (1989)—Peru.
stricta *M.W. Chase in Lindleyana*, 2(2): 112 (1987), nom. nov.: *Burlingtonia maculata* Lindley.
vasquezii *C.H. Dodson in Ic. Pl. Trop.*, Ser. 2, 4: t. 370 (1989)—Bolivia.

ROEGNERIA (Gramin.).

alashanica *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 73 (1963)—China.
aliena *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 31 (1963)—China.
altissima *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 53 (1963)—China.
anthosachnoides *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 65 (1963)—China.
aristiglumis *Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 55 (1963)—Xinjiang, China.
breviglumis *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 48 (1963)—China.
brevipes *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 49 (1963)—China.
calicola *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 21 (1963)—China.
ciliaris
var. *japonensis* (Honda) Yen, J.L. Yang & B.R. Lu in *Acta Bot. Yunnanica*, 10(3): 269 (1988): *Agropyron japonense*.
confusa
subsp. *breviaristata* (Keng) N.R. Cui in *Claves Pl. Xinjiang*, 1: 161 (1982): *R. confusa* var. *breviaristata*.
dolichathera *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 19 (1963)—China.
dura (Keng) *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 54 (1963): *Brachypodium durum*.
fedtschenkoi (Tzvel.) N.R. Cui in *Claves Pl. Xinjiang*, 1: 158 (1982): *Elymus fedtschenkoi*.
foliosa *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 32 (1963)—China.
geminata *Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 80 (1963)—China.
glaberrima *Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 72 (1963)—Xinjiang.
glaucifolia *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 57 (1963)—Xizang.
grandiglumis *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 82 (1963)—China.
grandis *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 45 (1963)—China.

ROEGNERIA :-

hirsuta *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 84 (1963)—China.
humilis *Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 40 (1963)—China.
hybrida *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 18 (1963)—China.
japonensis (Honda) *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 63 (1963): *Agropyron japonense*.
kamoji
subsp. *macerrima* (Keng) N.R. Cui in *Claves Pl. Xinjiang*, 1: 153 (1982): *R. kamoji* var. *macerrima*.
kokonorica *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 88 (1963)—China.
laxiflora *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 75 (1963)—China.
leiantha *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 42 (1963)—China.
leiotropis *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 87 (1963)—China.
longiglumis *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 83 (1963)—China.
melanthera (Keng) *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 78 (1963): *Agropyron melantherum*.
minor *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 71 (1963)—China.
mutica *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 87 (1963)—China.
nutans (Keng) *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 48 (1963): *Agropyron nutans*.
parvigluma *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 47 (1963)—China.
platyphylla *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 35 (1963)—Xinjiang.
puberula *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 20 (1963)—China.
pubicaulis *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 30 (1963)—China.
purpurascens *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 56 (1963)—China.
rigidula *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 77 (1963)—China.
serotina *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 50 (1963)—China.
sinica *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 33 (1963)—China.
stenachyra *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 79 (1963)—China.
stricta *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 68 (1963)—China.
sylvatica *Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 36 (1963)—Xinjiang.
thoroldiana (Oliv.) *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 79 (1963): *Agropyron thoroldianum*.
tsukushiensis (Honda) B.R. Lu, Yen & J.L. Yang in *Acta Bot. Yunnanica*, 12(3): 245 (1990): *Elymus tsukushiensis*.
var. *transiens* (Hack.) B.R. Lu, Yen & J.L. Yang in *Acta Bot. Yunnanica*, 12(3): 245 (1990): *Agropyron semicostatum* var. *transiens*.
varia *Keng ex Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 70 (1963)—China.
villosa
subsp. *coerulea* B.A. Yurtsev in *Bot. Zhurn.*, 74(1): 113 (1989)—U.S.S.R. (Soviet Far East).
viridula *Y.L. Keng & S.L. Chen in J. Nanjing Univ. (Nat. Sci.)*, 3: 39 (1963)—Xinjiang.

ROEMERIA (Papaverac.).

refracta

subsp. *occidentalis* J.W. Kadereit in *Flora (Germany)*, 179(2): 138 (1987)—Iran, Turkey, U.S.S.R. (Middle Asia).

ROEZLIA (Amaryllidac.).

regia *Laurentius Gärtner, Leipzig in Bonplandia*, 9: 274 (15 Sept. 1861); cf. *D.J. Mabberley in Taxon*, 34(3): 454 (1985)—Locality not stated.

ROGERSONANTHUS B. Maguire & B.M. Boom in *Mem. New York Bot. Gard.*, 51: 3 (1989). **GENTIANACEAE**.

ROGERSONANTHUS :-

arbores (Britton) B. Maguire & B.M. Boom in *Mem. New York Bot. Gard.*, 51: 8 (1989): *Chelonanthus arbores*.
quelchii (N.E. Brown) B. Maguire & B.M. Boom in *Mem. New York Bot. Gard.*, 51: 4 (1989): *Lisianthus quelchii*.
tepuiensis (Gleason) B. Maguire & B.M. Boom in *Mem. New York Bot. Gard.*, 51: 4 (1989): *Calolisianthus tepuiensis*.

ROGIERA (Rubiace.).

aprica (Lundell) A. Borhidi in *Acta Bot. Hung.*, 33(3-4): 301 (1987): *Rondeletia aprica*.
backhousii (Hook. f.) A. Borhidi in *Acta Bot. Hung.*, 33(3-4): 301 (1987): *Rondeletia backhousii*.
brachystantha (Standl. & Steyer.) A. Borhidi in *Acta Bot. Hung.*, 33(3-4): 301 (1987): *Rondeletia brachystantha*.
chiapasensis (Standl.) A. Borhidi in *Acta Bot. Hung.*, 33(3-4): 301 (1987): *Rondeletia chiapasensis*.

ROHDEA (Convallariac.).

japonica

var. *latifolia* S. Hatusima in *J. Phytogeogr. Taxon.*, 35(2): 63 (1987), as 'Rohdora'—Japan.

ROLLANDIA (Campanulac.).

alba H. St. John & W. Takeuchi in *Phytologia*, 63(5): 367 (1987)—Hawaiian Is.
lanceolata
subsp. *calycina* (Cham.) T.G. Lammers in *Syst. Bot.*, 13(4): 507 (1988): *Lobelia calycina*.
obatae H. St. John in *Phytologia*, 63(5): 367 (1987)—Hawaiian Is.

ROLLINIA (Annonac.).

andicola P.J.M. Maas & L.Y.T. Westra in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 92(3): 297 (1989)—Ecuador, Peru.
bahiensis P.J.M. Maas & L.Y.T. Westra in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 92(3): 299 (1989)—Brazil.
chrysocarpa P.J.M. Maas & L.Y.T. Westra in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 92(3): 300 (1989)—Peru.
ferruginea (R.E. Fries) P.J.M. Maas & L.Y.T. Westra in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 92(3): 301 (1989): *Rolliniopsis ferruginea*.
fosteri P.J.M. Maas & L.Y.T. Westra in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 92(3): 302 (1989)—Peru, Ecuador.
glomerulifera P.J.M. Maas & L.Y.T. Westra in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 92(3): 303 (1989)—Peru, Ecuador.
helosoides P.J.M. Maas & L.Y.T. Westra in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 92(3): 305 (1989)—Ecuador.
hispidula P.J.M. Maas & L.Y.T. Westra in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 92(3): 307 (1989)—Peru, Ecuador.
mammifera P.J.M. Maas & L.Y.T. Westra in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 92(3): 308 (1989)—Peru, Brazil.
pachyantha P.J.M. Maas & L.Y.T. Westra in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 92(3): 310 (1989)—Colombia.
schunkei P.J.M. Maas & L.Y.T. Westra in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 92(3): 311 (1989)—Peru, Brazil.
ubatubensis P.J.M. Maas & L.Y.T. Westra in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 92(3): 313 (1989)—Brazil.
velutina E.J. van Marle in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 92(3): 314 (1989)—Venezuela, Colombia.

ROMNALDA (Xanthorrhoeac.).

strobilacea R.J.F. Henderson & P.R. Sharpe in *Fl. Australia*, 46: 224, 92 (1986)—Australia (Queensland).

ROMULEA (Iridac.).

hartungii

subsp. *coronensis* A. Abraham in *Feddes Repert.*, 99(11-12): 505, 506 (1988), without latin descr.—Canary Is.

ROMULEA:—

- subsp. hierroensis* A. Abraham in Feddes *Repert.*, 99(11–12): 505 (1988), without latin descr.—Canary Is.
subsp. montana A. Abraham in Feddes *Repert.*, 99(11–12): 505 (1988), without latin descr.—Canary Is.
subsp. pallida A. Abraham in Feddes *Repert.*, 99(11–12): 505 (1988), without latin descr.—Canary Is.
lactea A. Abraham in Feddes *Repert.*, 99(11–12): 506 (1988)—Canary Is.
unifolia M.P. de Vos in *S. Afr. J. Bot.*, 53(3): 247 (1987)—South Africa (Cape Province).

RONDELETIA (Rubiace.).

- acuminata* (Derst. ex Standl.) D.H. Lorence & G. Castillo-Campos in *Biotica*, 13(1–2): 147 (1988); *Sommeria acuminata*.
acunae A. Borhidi & M. Fernandez in *Acta Bot. Hung.*, 31(1–4): 147 (1985)—Cuba.
anguillensis R.A. Howard & E.A. Kellogg in *J. Arnold Arbor.*, 68(1): 127 (1987)—Leeward Is.
arida A. Borhidi & M. Fernandez *Zequeira* in *Acta Bot. Hung.*, 33(1–2): 105 (1987)—Cuba.
bissei A. Borhidi & M. Fernandez *Zequeira* in *Acta Bot. Hung.*, 33(1–2): 107 (1987)—Cuba.
bracteosa A. Borhidi & M. Fernandez *Zequeira* in *Acta Bot. Hung.*, 33(1–2): 109 (1987)—Cuba.
combioides M. Fernandez & A. Borhidi in *Acta Bot. Hung.*, 31(1–4): 149 (1985)—Cuba.
convoluta M. Fernandez & A. Borhidi in *Acta Bot. Hung.*, 31(1–4): 151 (1985)—Cuba.
galanensis M. Fernandez & A. Borhidi in *Acta Bot. Hung.*, 31(1–4): 152 (1985)—Cuba.
×incerta A. Borhidi & M. Fernandez in *Acta Bot. Hung.*, 31(1–4): 155 (1985)—Cuba. (R. *miraflorensis* × *subcanescens*).
intermixta
subsp. turquinensis M. Fernandez & A. Borhidi in *Acta Bot. Hung.*, 31(1–4): 157 (1985)—Cuba.
lucida M. Fernandez & A. Borhidi in *Acta Bot. Hung.*, 31(1–4): 158 (1985)—Cuba.
miraflorensis M. Fernandez & A. Borhidi in *Acta Bot. Hung.*, 31(1–4): 154 (1985)—Cuba.
×obscura A. Borhidi & M. Fernandez in *Acta Bot. Hung.*, 31(1–4): 161 (1985)—Cuba. (R. *paucinervis* × *plicatula*).
pachyphylla
subsp. myrtilloides M. Fernandez & A. Borhidi in *Acta Bot. Hung.*, 31(1–4): 163 (1985)—Cuba.
papayoensis M. Fernandez & A. Borhidi in *Acta Bot. Hung.*, 31(1–4): 165 (1985)—Cuba.
peninsularis M. Fernandez & A. Borhidi in *Acta Bot. Hung.*, 31(1–4): 166 (1985)—Cuba.
steirophyloides A. Borhidi & M. Fernandez *Zequeira* in *Acta Bot. Hung.*, 33(1–2): 112 (1987)—Cuba.
subcanescens M. Fernandez & A. Borhidi in *Acta Bot. Hung.*, 31(1–4): 168 (1985)—Cuba.
toaensis M. Fernandez & A. Borhidi in *Acta Bot. Hung.*, 31(1–4): 170 (1985)—Cuba.
tubulosa A. Borhidi & M. Fernandez *Zequeira* in *Acta Bot. Hung.*, 33(1–2): 113 (1987)—Cuba.
tuxtliensis D.H. Lorence & G. Castillo-Campos in *Biotica*, 13(1–2): 148 (1988)—Mexico.
uxpanapensis D.H. Lorence & G. Castillo-Campos in *Biotica*, 13(1–2): 150 (1988)—Mexico.
wendtii D.H. Lorence & G. Castillo-Campos in *Biotica*, 13(1–2): 154 (1988)—Mexico.

RONNBERGIA (Bromeliac.).

- campanulata* A.J. Gilmartin & H.E. Luther in *J. Bromeliad Soc.*, 40(5): 206 (1990)—Ecuador.
carvalhoi G. Martinelli & E.M.C. Leme in *J. Bromeliad Soc.*, 37(2): 79 (1987)—Brazil.

RORIPPA (Crucif.).

- divaricata* (Hook. f.) P.J. Garnock-Jones & B. Jonsell in *New Zealand J. Bot.*, 26(3): 479 (1988); *Cardamine divaricata*.
floridana I.A. Al-Shehbaz & R.C. Rollins in *J. Arnold Arbor.*, 69(1): 68 (1988), nom. nov.: *Cardamine curvisiliqua* Shuttlew. ex Chapman.
gambellii (S. Watson) R.C. Rollins & I.A. Al-Shehbaz in *J. Arnold Arbor.*, 69(1): 69 (1988); *Cardamine gambellii*.
hybosperma (O.E. Schulz) B. Jonsell in *Fl. Males.*, 10(3): 559 (1988); *Nasturtium hybospermum*.

RORIPPA:—

- pseudoislandica* H.J. Chowdhery & R.R. Rao in *Indian J. Forest.*, 8(2): 150 (1985)—India.
pyrenaica
subsp. hispanica (Boiss. & Reut.) M. Kerguelen in *Lejeunia*, 120: 150 (1987); *Nasturtium hispanicum*.
viaria V.I. Dorofeev in *Bot. Zhurn.*, 71(11): 1559 (1986)—U.S.S.R. (European Russia).

ROSA (Rosac.).

- sect. Kokanica* I.O. Buzunova in *Bot. Zhurn.*, 71(4): 486 (1986).
altidaghestanica Sh.A. Guseinov in *Bot. Zhurn.*, 74(6): 898 (1989)—U.S.S.R. (Caucasus).
awarica Sh.A. Guseinov in *Bot. Zhurn.*, 73(4): 598 (1988)—U.S.S.R. (Caucasus).
baitagensis R.V. Kamelin & I.A. Gubanov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(5): 110 (1988)—Mongolia.
×beanii P.V. Heath in *Taxon*, 38(1): 97 (1989), nom. nov.: R. *anemoniflora* Fortune ex Lindley.
biflora T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(1): 3 (1990)—China.
bracteata
var. taiwanensis S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 1: 458 (1985)—Taiwan.
caesia
subsp. glauca (Nyman) G.G. Graham & A.L. Primavesi in *Watsonia*, 18(2): 121 (1990); R. *glauca* subsp. *glauca*.
cziragensis Sh.A. Guseinov in *Bot. Zhurn.*, 74(6): 893 (1989)—U.S.S.R. (Caucasus).
daishanensis T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(1): 11 (1990)—China.
darginica Sh.A. Guseinov in *Bot. Zhurn.*, 74(6): 892 (1989)—U.S.S.R. (Caucasus).
degenensis T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(1): 5 (1990)—China.
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var. noeanus (Maire) J.L. Rosúa in *Lagascalia*, 14(2): 184 (1986); R. × *noeanus*.
var. subtomentosus (Maire & Weiller) J.L. Rosúa in *Lagascalia*, 14(2): 185 (1986); R. *officinalis* var. *subtomentosus*.
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subsp. clementii (Domin) R.M. Barker in *J. Adelaide Bot. Gard.*, 9: 267 (1986); *Justicia clementii*.
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subsp. dallachyi R.M. Barker in *J. Adelaide Bot. Gard.*, 9: 274 (1986)—Australia (Queensland).
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var. hispida (Domin) R.M. Barker in *J. Adelaide Bot. Gard.*, 9: 261 (1986); *Justicia procumbens* var. *hispida*.
var. juncea (R. Br.) R.M. Barker in *J. Adelaide Bot. Gard.*, 9: 258 (1986); *Justicia juncea*.
var. largiflorens R.M. Barker in *J. Adelaide Bot. Gard.*, 9: 270 (1986)—Australia (N. Terr., Queensland, W. Australia).
var. latifolia (Domin) R.M. Barker in *J. Adelaide Bot. Gard.*, 9: 266 (1986); *Justicia procumbens* var. *latifolia*.
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diffusa
var. hedyotidifolia (Nees) G.R. Kumari in A.N. Henry, G.R. Kumari & V. Chithra, *Fl. Tamil Nadu, India, Ser. 1*, 2: 158 (1987); R. *hedyotidifolia*.
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alpestris

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hirsuta (Allioni) U. Eggl, Monogr. Study Gen. Rosularia (Crassulac.) (Bradleya 6 Suppl.): 65 (1988): Sedum hirsutum.

modesta

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muratdaghensis Kit Tan in Notes Roy. Bot. Gard. Edinburgh, 45(2): 367 (1988 publ. 1989)—Turkey.

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×reginae U. Eggl, Monogr. Study Gen. Rosularia (Crassulac.) (Bradleya 6 Suppl.): 90 (1988)—Turkey. (R. globularifolia × sempervivum subsp. glaucophylla).

sempervivum

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serpentina

var. gigantea U. Eggl in Kakt. And. Sukk., 38(6): 137 (1987)—Turkey.

tauricola Kit Tan in Notes Roy. Bot. Gard. Edinburgh, 45(2): 365 (1988 publ. 1989)—Turkey.

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cookii K.T. Joseph & V.V. Sivarajan in Pl. Syst. Evol., 159(1-2): 143 (1988)—India.

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salina Kitaib. ex Spreng., Nachtr. Bot. Gart. Univ. Halle: 34 (1801); cf. D.J. Mabberley in Taxon, 32(1): 86 (1983)—Locality not stated.

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paruensis J.A. Steyermark in Ann. Missouri Bot. Gard., 74(3): 613 (1987)—Venezuela.

ROUREA (Connarac.).

sect. Bernardinia (Planchon) C.C.H. Jongkind in Agric. Univ. Wageningen Pap., 89(6): 313, 311 (1989): gen. Bernardinia.

sect. Byrsocarpus (Thonn. ex Schum.) C.C.H. Jongkind in Agric. Univ. Wageningen Pap., 89(6): 313, 311 (1989): gen. Byrsocarpus.

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sect. Santaloides (Schellenb.) C.C.H. Jongkind in Agric. Univ. Wageningen Pap., 89(6): 314, 311 (1989), without exact basionym page: gen. Santaloides.

asplenifolia (Schellenb.) C.C.H. Jongkind in Agric. Univ. Wageningen Pap., 89(6): 366 (1989): Roureopsis asplenifolia.

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coccinea

subsp. boiviniana (Baill.) C.C.H. Jongkind in Agric. Univ. Wageningen Pap., 89(6): 332 (1989): R. boiviniana.

var. viridis (Gilg) C.C.H. Jongkind in Agric. Univ. Wageningen Pap., 89(6): 328 (1989): R. viridis.

confundens (Leenh.) C.C.H. Jongkind in Agric. Univ. Wageningen Pap., 89(6): 366 (1989): Roureopsis confundens.

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var. coriacea Z.Y. Zhang in Fl. Tsinlingensis, 1(5): 420, 15 (1985)—China.

indica Ten., Cat. Ort. Bot. Nap.: 102 (1845); cf. D.J. Mabberley in Taxon, 32(1): 86 (1983)—Locality not stated.

kurramensis S. Nazimuddin in Fl. Pakistan, 190: 44 (1989)—Pakistan.

membranacea

var. caudata Z.Y. Zhang in Fl. Tsinlingensis, 1(5): 421, 17 (1985)—China.

var. incurvata Z.Y. Zhang in Fl. Tsinlingensis, 1(5): 421, 17 (1985)—China.

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munjith Roxb. ex Playfair, Taleef Shareef: 150 (1833); cf. D.J. Mabberley in Taxon, 32(1): 87 (1983)—Locality not stated.

ovatifolia Z.Y. Zhang in Fl. Tsinlingensis, 1(5): 420, 15 (1985), with two types cited—China.

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subgen. Micranthobatus (Fritsch) C. Kalkman in Blumea, 32(2): 324 (1987): R. sect. Micranthobatus.

acutus T. Braeucker, 292 Deutsche Rubus-Arten und Formen: 36 (1882)—Germany.

aestivalis E.H.L. Krause in Bot. Jahrb. Syst., 16, Beibl. 39: 1 (1893)—Europe.

albicans F. Krašan in Verh. Zool.-Bot. Ges. Wien, 15: 357 (1865)—Iran.

alexeterius

var. acaenocalyx (Hara) T.T. Yü & L.T. Lu in Fl. Xizangica, 2: 613 (1985), without basionym ref.: R. acaenocalyx.

aphidifer A. van de Beek & K. Meijer in Gorteria, 16(4): 99 (1990)—Netherlands.

aquarum A. Newton & M. Porter in Watsonia, 18(2): 191 (1990)—Great Britain.

asper

var. glaber (Koidz.) C.F. Hsieh in J. Taiwan Mus., 42(2): 106 (1989): R. croceacantha var. glaber.

atlanticus E.H.L. Krause in Bot. Jahrb. Syst., 16, Beibl. 39: 2 (1893), nom. illegit. superfl. incl. R. sprengelii Wiehe—Europe.

aurora A. van de Beek, R.J. Bijlsma & F.M. Muller in Gorteria, 13(2): 38 (1986)—Netherlands.

barberi H.E. Weber in Abh. Ber. Naturkundemus. Görlitz, 61(8): 35 (1987), nom. nov.: R. rugosus Barber.

beckeri T. Braeucker, 292 Deutsche Rubus-Arten und Formen: 83 (1882)—Germany.

biloensis A. Newton & M. Porter in Watsonia, 18(2): 194 (1990)—Great Britain.

bohemicus F. Krašan in Verh. Zool.-Bot. Ges. Wien, 15: 359 (1865)—Locality not stated.

botryoides T. Braeucker, 292 Deutsche Rubus-Arten und Formen: 82 (1882)—Germany.

braunii T. Braeucker, 292 Deutsche Rubus-Arten und Formen: 72 (1882)—Germany.

canescens

subsp. lloydianus (Genev.) O. de Bolòs & J. Vigo, Fl. Països Catalans: 351 (1984): R. lloydianus.

var. lloydianus (Genev.) O. de Bolòs & J. Vigo, Fl. Països Catalans: 351 (1984): R. lloydianus.

var. subparilis (Sudre) O. de Bolòs & J. Vigo, Fl. Països Catalans: 351 (1984): R. lloydianus f. subparilis.

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compositus T. Braeucker, 292 Deutsche Rubus-Arten und Formen: 31 (1882)—Germany.

concolor E.H.L. Krause in Bot. Jahrb. Syst., 16, Beibl. 39: 3 (1893), nom. illegit. superfl. incl. R. hirtus Waldst. & Kit.—Locality not stated.

conoïdes T. Braeucker, 292 Deutsche Rubus-Arten und Formen: 75 (1882)—Germany.

contractipes H.E. Weber in Osnabrücker Naturwiss. Mitt., 14: 144 (1988)—Germany.

contritidens A. van de Beek & K. Meijer in Gorteria, 16(4): 93 (1990)—Netherlands.

cooperi D.G. Long in Notes Roy. Bot. Gard. Edinburgh, 44(2): 259 (1987)—Bhutan.

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cordiformis C. Kalkman in Blumea, 32(2): 331 (1987)—New Guinea (Papua New Guinea).

dejonghii A. van de Beek in Gorteria, 14(1): 22 (1988)—Netherlands.

demissus H.E. Weber & Martensen in Drosera, 1987(2): 76 (1987)—Germany.

drenthicus A. van de Beek & K. Meijer in Gorteria, 16(4): 97 (1990)—Netherlands.

ebudensis A. Newton in Watsonia, 17(2): 173 (1988)—Great Britain.

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florulentus T. Braeucker, 292 Deutsche Rubus-Arten und Formen: 30 (1882)—Germany.

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- glandulosocarpus *M.X. Nie* in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(3): 43 (1989)—China.
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- haesitans *H.O. Martensen* & *Walsemann* in *Svensk Bot. Tidskr.*, 81(4): 265 (1987)—Germany, Denmark.
- hastiferus *H.E. Weber* in *Osnabrücker Naturwiss. Mitt.*, 14: 140 (1988)—Germany.
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subsp. pubescens (*Sudre*) *H.E. Weber* in *Abh. Ber. Naturkundemus. Görlitz*, 61(8): 35 (1987): *R. hirtus* var. *pubescens*.
- hirsutor *Fitschen* ex *H.E. Weber* in *Osnabrücker Naturwiss. Mitt.*, 14: 144 (1988)—Germany.
- hirsutus
var. brevipedicellus *Z.M. Wu* in *Guihaia*, 8(3): 237 (1988)—China.
- histricalus *H.E. Weber* in *Drosera*, 1987(2): 80 (1987)—Germany.
- horstensis *Focke* ex *T. Braeucker*, 292 *Deutsche Rubus-Arten und Formen*: 32 (1882)—Germany.
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- incisus *C.P. Thunberg* ex *A. Murray* in *Linnaeus, Syst. Veg.*, ed. 14: 476 (1784)—Japan.†
- juennensis *G.H. Leute* & *W. Maurer* in *Carinthia II*, 173/93: 237 (1983)—Austria.
- lainzii *H.E. Weber* in *An. Jard. Bot. Madrid*, 47(2): 333 (1989 publ. 1990)—Spain.
- lambertianus
var. morii (*Hayata*) *S.S. Ying*, *Coloured Illustr. Fl. Taiwan*, 1: 430 (1985): *R. morii*.
- macvaughianus *J. Rzedowski* & *G. Calderón* de *Rzedowski* in *Acta Bot. Mex.*, 5: 1 (1989)—Mexico
- ×masakii *N. Naruhashi* in *J. Phytogeogr. Taxon.*, 37(1): 1 (1989)—Japan. (*R. crataegifolius* × *hirsutus*).
- merlini *A. Newton* & *M. Porter* in *Watsonia*, 18(2): 195 (1990)—Great Britain.
- micranthus *O. Sendtner* in *Flora*, 39(13): 200 (1856)—Germany.
- montanus
f. macromontanus *H.E. Weber* in *Osnabrücker Naturwiss. Mitt.*, 15: 106 (1989)—Czechoslovakia, Austria, France, Germany.
- mucronatus *T. Braeucker*, 292 *Deutsche Rubus-Arten und Formen*: 90 (1882)—Germany.
- nagasawanus
var. arachnoideus (*Liu* & *Lu*) *S.S. Ying*, *Coloured Illustr. Fl. Taiwan*, 1: 422 (1985): *R. arachnoideus*.
- niveus
var. micranthus (*D. Don*) *H. Hara* in *Enum. Fl. Pl. Nepal*, 2: 146 (1979): *R. micranthus*.
- palmaris *C.P. Thunberg* ex *A. Murray* in *Linnaeus, Syst. Veg.*, ed. 14: 475 (1784)—Japan.†
- f. coronarius* *H. Ohba* in *J. Jap. Bot.*, 64(5): 160 (1989)—Japan.
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- passionis *A. van de Beek* & *K. Meijer* in *Gorteria*, 16(4): 99 (1990)—Netherlands.
- picticaulis *H.E. Weber* in *Drosera*, 1987(2): 72 (1987)—Germany.
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- pullus *T. Braeucker*, 292 *Deutsche Rubus-Arten und Formen*: 52 (1882)—Germany.
- rectangulatus *T. Braeucker*, 292 *Deutsche Rubus-Arten und Formen*: 69 (1882)—Germany.
- rhytidophyllus *H.E. Weber* in *Osnabrücker Naturwiss. Mitt.*, 14: 148 (1988)—Germany.
- rosaefolius
var. inermis *Z.X. Yu* in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(2): 139 (1988)—China.

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- rotundifolius *F. Krašan* in *Verh. Zool.-Bot. Ges. Wien*, 15: 357 (1865)—Yugoslavia, France, Italy.
- royenii *C. Kalkman* in *Blumea*, 32(2): 333 (1987)—New Guinea (Papua New Guinea, W. Irian), New Britain.
- var. hispidus* *C. Kalkman* in *Blumea*, 32(2): 336 (1987)—New Guinea (Papua New Guinea), New Britain.
- var. ikilimbu* (*P. Royen*) *C. Kalkman* in *Blumea*, 32(2): 336 (1987): *R. diclinis* var. *ikilimbu*.
- rubiginosus *T. Braeucker*, 292 *Deutsche Rubus-Arten und Formen*: 62 (1882)—Germany.
- schnedleri *H.E. Weber* in *Osnabrücker Naturwiss. Mitt.*, 15: 109 (1989)—Germany.
- ×seminepalensis *N. Naruhashi* in *J. Jap. Bot.*, 65(6): 187 (1990)—Nepal. (*R. nepalensis* × *treutleri*).
- sikkimensis
var. canescens *Hara* ex *D.G. Long* in *Notes Roy. Bot. Gard. Edinburgh*, 44(2): 262 (1987)—Bhutan.
- stans
var. soulieanus (*Card.*) *T.T. Yü* & *L.T. Lu* in *Fl. Xizangica*, 2: 618 (1985), without basionym ref.: *R. soulieanus*.
- subobscurus *T. Braeucker*, 292 *Deutsche Rubus-Arten und Formen*: 53 (1882)—Germany.
- suecicus *H.E. Weber* & *T. Karlsson* in *Svensk Bot. Tidskr.*, 82(3): 209 (1988)—Sweden.
- tagallus
var. lanyuensis (*Chang*) *S.S. Ying*, *Coloured Illustr. Fl. Taiwan*, 1: 447 (1985): *R. lanyuensis*.
- tavensis *A. Newton* & *M. Porter* in *Watsonia*, 18(2): 189 (1990)—Great Britain.
- tenellus *T. Braeucker*, 292 *Deutsche Rubus-Arten und Formen*: 30 (1882)—Germany.
- thyrsigeriformis (*Sudre*) *D.E. Allen* in *Watsonia*, 17(4): 436 (1989): *R. insericatus* var. *thyrsigeriformis*.
- tokinibara (*Hara*) *N. Naruhashi* in *J. Phytogeogr. Taxon.*, 38(1): 26 (1990): *R. illecebrosus* f. *tokinibara*.
- trifidus *C.P. Thunberg* ex *A. Murray* in *Linnaeus, Syst. Veg.*, ed. 14: 476 (1784)—Japan.†
- triphyllus *C.P. Thunberg* ex *A. Murray* in *Linnaeus, Syst. Veg.*, ed. 14: 475 (1784)—Japan.†
- umbrosus *T. Braeucker*, 292 *Deutsche Rubus-Arten und Formen*: 31 (1882)—Germany.
- vastulus *T. Braeucker*, 292 *Deutsche Rubus-Arten und Formen*: 74 (1882)—Germany.
- velaris *T. Braeucker*, 292 *Deutsche Rubus-Arten und Formen*: 82 (1882)—Germany.
- villosus *C.P. Thunberg* ex *A. Murray* in *Linnaeus, Syst. Veg.*, ed. 14: 475 (1784)—Japan.†
- visurgianus *H.E. Weber* in *Osnabrücker Naturwiss. Mitt.*, 14: 152 (1988)—Germany.
- widderi *W. Maurer* in *Phyton (Austria)*, 26(2): 227 (1987)—Austria.
- xiphophorus *H.E. Weber* in *Osnabrücker Naturwiss. Mitt.*, 15: 113 (1989)—Germany.

RUBUS (Compos.).

- scabrifolia *L.E. Brown* in *Phytologia*, 61(6): 367 (1986)—U.S.A. (Texas).
- texana (*Perdue*) *P.B. Cox* & *L.E. Urbatsch* in *Phytologia*, 67(5): 366 (1989): *R. nitida* var. *texana*.

RUDGEEA (Rubiaceae).

- corocoroensis *J.A. Steyermarck* in *Ann. Missouri Bot. Gard.*, 75(1): 349 (1988)—Venezuela.

RUELLIA (Acanthaceae).

- breedlovei *T.F. Daniel* in *Contrib. Univ. Mich. Herb.*, 17: 145 (1990)—Mexico.
- brevifolia (*Pohl*) *C. Ezcurra* in *Darwiniana*, 29(1-4): 278 (1989): *Stephanophysum brevifolium*.
- calimensis *D.C. Wasshausen* in *Rev. Acad. Colomb. Cienc. Exact. Fis. Nat.*, 65: 249 (1989)—Colombia.
- chartacea (*T. Anders.*) *D.C. Wasshausen* in *Op. Bot.*: 92: 265 (1987): *Aphelandra chartacea*.
- cuatrecasii *D.C. Wasshausen* in *Rev. Acad. Colomb. Cienc. Exact. Fis. Nat.*, 65: 251 (1989)—Colombia.
- digitalis *N.L. Burman*, *Fl. Malabar.*: 10 (1769); *fide D.J. Mabberley* in *Taxon*, 26(5-6): 540 (1977)—India.

RUELLIA :-

- golfodulcensis *L.H. Durkee* in *Fieldiana, Bot.*, n.s., 18: 75 (1986)—Costa Rica.
- haenkeana (*Nees*) *D.C. Wasshausen* in *Beitr. Biol. Pfl.*, 63(3): 423 (1988): *Arrhoxystylum haenkeanum*.
- japonica *C.P. Thunberg* ex *A. Murray* in *Linnaeus, Syst. Veg.*, ed. 14: 576 (1784)—Japan.†
- macroloen Lillo ex *C. Ezcurra* in *Syst. Bot.*, 14(3): 297 (1989)—Argentina, Bolivia, Paraguay.
- macvaughii *T.F. Daniel* in *Contrib. Univ. Mich. Herb.*, 17: 159 (1990), as 'mcvaughii'—Mexico.
- mirandana *T.P. Ramamoorthy* & *Y. Hornelas Uribe* in *Pl. Syst. Evol.*, 159(3-4): 161 (1988), nom. nov.: *Blechnum grandiflorum Oersted*.
- novogaliciana *T.F. Daniel* in *Contrib. Univ. Mich. Herb.*, 17: 157 (1990)—Mexico.
- obovata *Roxb. ex Hornem.*, *Hort. Hafn.*, *Suppl.*: 144 (1819); *cf. D.J. Mabberley* in *Taxon*, 33(3): 437 (1984)—Locality not stated.
- obovata *F. Buchanan-Hamilton* in *Trans. Linn. Soc.*, 14: 292 (1824); *fide D.J. Mabberley* in *Taxon*, 26(5-6): 530 (1977)—India.
- palustris *L.H. Durkee* in *Fieldiana, Bot.*, n.s., 18: 77 (1986)—Costa Rica.
- petiolaris (*Nees*) *T.F. Daniel* in *Contrib. Univ. Mich. Herb.*, 17: 139 (1990): *Gymnacanthus petiolaris*.
- rauhii *D.C. Wasshausen* in *Beitr. Biol. Pfl.*, 63(3): 421 (1988)—Peru.
- sarukhaniana *T.P. Ramamoorthy* in *Ann. Missouri Bot. Gard.*, 75(4): 1664 (1988 publ. 1989)—Mexico.
- sindica *A. Ghafoor* & *H. Heine* in *Willdenowia*, 16(1): 122 (1986), nom. nov.: *Dipteracanthus longifolius Stocks*.
- tuxtensis *T.P. Ramamoorthy* & *Y. Hornelas Uribe* in *Pl. Syst. Evol.*, 159(3-4): 162 (1988)—Mexico.

RUILOPEZIA (Compos.).

- emmanuelis *J. Cuatrecasas* in *Phytologia*, 61(1): 56 (1986)—Venezuela.
- usubillagae *J. Cuatrecasas* in *Phytologia*, 61(1): 53 (1986)—Venezuela.
- vergarae *J. Cuatrecasas* & *López-Figueiras* in *Phytologia*, 61(1): 58 (1986)—Venezuela.

RUIZTERANIA (Vochysiaceae).

- obtusata
subsp. multivenosa *L. Marciano-Berti* in *Pittieria*, 18: 6 (1989)—Venezuela.

RULINGIA (Sterculiaceae).

- hermaniifolia (*DC.*) *Endl.*, *Cat. Horti Vindob.*, 2: 358 (1842); *cf. D.J. Mabberley* in *Taxon*, 33(3): 436 (1984): Basionym not stated.

RUMEX (Polygonaceae).

- acetosa
subsp. hibernicus (*Rech. f.*) *J.R. Akeroyd* in *Watsonia*, 17(4): 444 (1989): *R. hibernicus*.
- subsp. planellae* (*Pau* & *Merino*) *F. Muñoz Garmendia* & *J. Pedrol* in *An. Jard. Bot. Madrid*, 44(2): 599 (1987): *R. planellae*.
- altissimus
subsp. ellipticus (*Greene*) *Á. Löve* in *Taxon*, 35(3): 612 (1986): *R. ellipticus*.
- aquaticus
subsp. nematopodus (*K.H. Rech.*) *Á. Löve* in *Taxon*, 35(3): 612 (1986): *R. nematopodus*.
- subsp. tomentellus* (*K.H. Rech.*) *Á. Löve* in *Taxon*, 35(3): 612 (1986): *R. tomentellus*.
- bucephalophorus
var. frutescens (*Bornm.*) *J.R. Press* in *Bot. J. Linn. Soc.*, 97(4): 354 (1988): *R. bucephalophorus* *subsp. frutescens*.
- var. stenocarpus* (*G. Beck*) *J.R. Press* in *Bot. J. Linn. Soc.*, 97(4): 352 (1988): *R. bucephalophorus* f. *stenocarpus*.
- crispus
subsp. littoreus (*Hardy*) *J.R. Akeroyd* in *Watsonia*, 17(4): 444 (1989): *R. crispus* var. *littoreus*.
- subsp. uliginosus* (*Le Gall*) *J.R. Akeroyd* in *Watsonia*, 17(4): 444 (1989): *R. crispus* var. *uliginosus*.
- densiflorus
subsp. orthoneurus (*K.H. Rech.*) *Á. Löve* in *Taxon*, 35(3): 612 (1986): *R. orthoneurus*.
- subsp. pycnanthus* (*K.H. Rech.*) *Á. Löve* in *Taxon*, 35(3): 612 (1986): *R. pycnanthus*.

RUMEX :-

- gangotriana B.S. Aswal & S.K. Srivastava in *Candollea*, 42(1): 389 (1987)—India.
- × halacsyi C. Rechinger in *Verh. Zool.-Bot. Ges. Wien*, 49: 105 (1899)—Greece. (R. limosus × pulcher).
- hultenii N.N. Tsvetlev in *Novosti Sist. Vyssh. Rast.*, 24: 73 (1987)—U.S.S.R. (Soviet Far East).
- intermedius
subsp. algarbiensis Rech. f. ex G. López González in *An. Jard. Bot. Madrid*, 44(2): 585 (1987)—Portugal.
- kaschgaricus C.Y. Yang in *Claves Pl. Xinjiang*, 2: 96 (1982), without latin descr. or type—Xinjiang.
- leptocaulis J. Brandbyge & K.H. Rechinger in *Nordic J. Bot.*, 9(2): 203 (1989)—Ecuador.
- × ogulinensis V. Borbás in *Magyar Bot. Lapok.*, 3: 49 (1904)—Hungary. (R. obtusifolius × pulcher).
- pallidus
subsp. subarcticus (Lepage) Á. Löve in *Taxon*, 35(3): 613 (1986): R. subarcticus.
- papillaris
subsp. javalambrensis (Pau) G. López González in *An. Jard. Bot. Madrid*, 44(2): 584 (1987): R. javalambrensis.
- × salisburgensis C. Fritsch & C. Rechinger in *Verh. Zool.-Bot. Ges. Wien*, 48: 253 (1898)—Austria. (R. conglomeratus × silvester).
- scutatus
subsp. gallaecicus E. Lago in *An. Jard. Bot. Madrid*, 45(2): 553 (1988 publ. 1989)—Spain.
- undulatus Hort. Par. ex Hornem., *Hort. Hafn.*: 351 (1813); cf. D.J. Mabberley in *Taxon*, 33(3): 437 (1984)—Locality not stated.
- verticillatus
subsp. fascicularis (Small) Á. Löve in *Taxon*, 35(3): 613 (1986): R. fascicularis.
- subsp. floridanus (Meisn.) Á. Löve in *Taxon*, 35(3): 613 (1986): R. floridanus.

RUMFORDIA (Compos.).

- exauriculata B.L. Turner in *Phytologia*, 65(6): 491 (1989)—Mexico.

RUNGIA (Acanthac.).

- adnata (Imlay) B. Hansen in *Nordic J. Bot.*, 9(2): 211 (1989): Justicia adnata.
- burmanica (C.B. Clarke) B. Hansen in *Nordic J. Bot.*, 9(2): 211 (1989): Justicia burmanica.
- clauda (R. Ben.) B. Hansen in *Nordic J. Bot.*, 9(2): 211 (1989): Justicia clauda.
- eberhardtii (R. Ben.) B. Hansen in *Nordic J. Bot.*, 9(2): 211 (1989): Justicia eberhardtii.
- latior
var. anamalayana M. Chandrasekaran & V. Chandrasekaran in *J. Bombay Nat. Hist. Soc.*, 84(3): 722 (1987 publ. 1988)—India.
- monetaria (R. Ben.) B. Hansen in *Nordic J. Bot.*, 9(2): 211 (1989): Justicia monetaria.
- naoensis B. Hansen in *Nordic J. Bot.*, 9(2): 211 (1989)—Thailand.
- oligoneura (Imlay) B. Hansen in *Nordic J. Bot.*, 9(2): 212 (1989): Justicia oligoneura.
- purpurascens (Ridl.) B. Hansen in *Nordic J. Bot.*, 9(2): 212 (1989): Justicia purpurascens.
- selangorensis (C.B. Clarke) B. Hansen in *Nordic J. Bot.*, 9(2): 213 (1989): Justicia selangorensis.
- subtilifolia (Imlay) B. Hansen in *Nordic J. Bot.*, 9(2): 213 (1989): Justicia subtilifolia.
- vegeta (Ridl.) B. Hansen in *Nordic J. Bot.*, 9(2): 213 (1989): Justicia vegeta.

RUPICAPNOS (Papaverac.).

- subsect. Sarcocapnoides (Pugsley) M. Lidén in *Op. Bot.*, 88: 92 (1986): R. sect. Sarcocapnoides.
- calcarata M. Lidén in *Op. Bot.*, 88: 104 (1986), without type—Algeria.
- longipes
subsp. aurasiaca Maire ex M. Lidén in *Op. Bot.*, 88: 101 (1986)—Algeria.
- subsp. reboudiana (Pomel) M. Lidén in *Op. Bot.*, 88: 102 (1986): R. reboudiana.

RUPIPHILA M.G. Pimenov & T.V. Lavrova in *Byull. Mosk. Obsch. Ispyt. Prir., Biol.*, 91(2): 97 (1986).**UMBELLIFERAE.**

- tachiroei (Franch. & Savat.) M.G. Pimenov & T.V. Lavrova in *Byull. Mosk. Obsch. Ispyt. Prir., Biol.*, 91(2): 97 (1986): Seseli tachiroei.

RUPRECHTIA (Polygonac.).

- maracaensis J. Brandbyge in *Nordic J. Bot.*, 10(2): 155 (1990)—Brazil.
- nitida J. Brandbyge in *Nordic J. Bot.*, 10(2): 158 (1990)—Brazil.

RYTIDOSPERMA (Gramin.).

- australe (Petrie) Clayton & Renvoize ex H.E. Connor & E. Edgar in *New Zealand J. Bot.*, 25(1): 166 (1987): Triodia australis.
- pumilus (Kirk) Clayton & Renvoize ex H.E. Connor & E. Edgar in *New Zealand J. Bot.*, 25(1): 166 (1987): Atropis pumila.

RYTIGYNIA (Rubiace.).

- subgen. Fadogiopsis B. Verdcourt in *Kew Bull.*, 42(1): 185 (1987).
- subgen. Sali B. Verdcourt in *Kew Bull.*, 42(1): 185 (1987).
- acuminatissima
subsp. pedunculata B. Verdcourt in *Kew Bull.*, 42(1): 154 (1987)—Burundi.
- adenodonta
var. reticulata (Robyns) B. Verdcourt in *Kew Bull.*, 42(1): 167 (1987): R. reticulata.
- bridsoniae
subsp. kahuzica B. Verdcourt in *Kew Bull.*, 42(1): 160 (1987)—Zaire.
- bugoyensis
subsp. glabriflora B. Verdcourt in *Kew Bull.*, 42(1): 184 (1987)—Tanzania, Malawi.
- caudatissima B. Verdcourt in *Kew Bull.*, 42(1): 180 (1987)—Tanzania.
- celastroides (Baill.) B. Verdcourt in *Kew Bull.*, 42(1): 171 (1987): Canthium celastroides.
- var. australis B. Verdcourt in *Kew Bull.*, 42(1): 172 (1987)—Mozambique.
- var. nuda B. Verdcourt in *Kew Bull.*, 42(1): 171 (1987)—Zanzibar, Tanzania.
- griseovelutina B. Verdcourt in *Kew Bull.*, 42(1): 183 (1987)—Tanzania.
- hirsutiflora B. Verdcourt in *Kew Bull.*, 42(1): 183 (1987)—Tanzania.
- ignobilis B. Verdcourt in *Kew Bull.*, 42(1): 164 (1987)—Tanzania.
- induta (Bullock) B. Verdcourt & D.M. Bridson in *Kew Bull.*, 42(1): 169 (1987): Canthium indutum.
- lichenoxenos
subsp. glabrituba B. Verdcourt in *Kew Bull.*, 42(1): 169 (1987)—Tanzania.
- longicaudata B. Verdcourt in *Kew Bull.*, 42(1): 180 (1987)—Tanzania.
- macrura B. Verdcourt in *Kew Bull.*, 42(1): 178 (1987)—Zimbabwe, Malawi, Mozambique.
- monantha
var. lusakati B. Verdcourt in *Kew Bull.*, 42(1): 174 (1987)—Tanzania.
- mrimaensis B. Verdcourt in *Kew Bull.*, 42(1): 170 (1987)—Kenya.
- neglecta
var. vatkeana (Hiern) B. Verdcourt in *Kew Bull.*, 42(1): 158 (1987): Canthium vatkeanum.
- parvifolia B. Verdcourt in *Kew Bull.*, 42(1): 172 (1987)—Kenya.
- pawekiae B. Verdcourt in *Kew Bull.*, 42(1): 168 (1987), as 'pawekae'—Malawi.
- pergracilis B. Verdcourt in *Kew Bull.*, 42(1): 157 (1987)—Tanzania.
- pseudolongicaudata B. Verdcourt in *Kew Bull.*, 42(1): 182 (1987)—Tanzania.
- pubescens B. Verdcourt in *Kew Bull.*, 42(1): 168 (1987)—Tanzania.
- rubiginosa
subsp. cymigera (Brem.) B. Verdcourt in *Kew Bull.*, 42(1): 175 (1987): Hutchinsohia cymigera.
- saliensis B. Verdcourt in *Kew Bull.*, 42(1): 185 (1987)—Tanzania.
- uhligii (K. Schum. & K. Krause) B. Verdcourt in *Kew Bull.*, 42(1): 165 (1987): Vangueria uhligii.

S**SABAZIA** (Compos.).

- elata (Canne) B.L. Turner in *Phytologia*, 65(6): 495 (1989): Galinsoga elata.
- glandulosa (Canne) B.L. Turner in *Phytologia*, 65(6): 495 (1989): Galinsoga glandulosa.
- gonzaleziae B.L. Turner in *Phytologia*, 63(4): 307 (1987), as 'gonzalezae'—Mexico.
- macdonaldii B.L. Turner in *Phytologia*, 68(3): 157 (1990)—Mexico.

SABIA (Sabiace.).

- calpicola C.Y. Wu ex S.K. Chen in *Fl. Yunnanica*, 4: 333 (1986)—China.
- latifolia
var. omeiensis (Stapf ex L. Chen) S.K. Chen in *Fl. Yunnanica*, 4: 325 (1986): S. omeiensis.
- schumanniana
subsp. longipes (Rehd. & Wils.) C.Y. Chang in *Fl. Sichuanica*, 4: 161 (1988): S. schumanniana var. longipes.
- swinhoei
var. parvifolia Y.H. Xiang & Q.H. Chen ex D.E. Boufford, Z.H. Tsi & P.S. Wang in *J. Arnold Arbor.*, 71(1): 126 (1990)—China.

SABICEA (Rubiace.).

- bariensis J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 75(1): 350 (1988)—Venezuela.

SACCIOLEPIS (Gramin.).

- indica
var. intermedia S.M. Almeida in *J. Bombay Nat. Hist. Soc.*, 83(1): 184 (1986)—India.
- subsp. oryzetorum (Makino) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 527 (1987): Panicum indicum var. oryzetorum.
- otachyroides E.J. Judziewicz in *Syst. Bot.*, 15(3): 418 (1990)—Guyana, Colombia, Venezuela, Brazil, Bolivia.

SACHOKIELLA A.A. Kolakovskii in *Soobshch. Akad. Nauk Gruz. SSR*, 118(3): 595 (1985).

- CAMPANULACEAE.**
macrochlamys (Boiss. & Huet.) A.A. Kolakovskii in *Soobshch. Akad. Nauk Gruz. SSR*, 118(3): 595 (1985): Campanula macrochlamys.

SAGERETIA (Rhamnac.).

- thea
var. bilocularis S.Y. Liu in *Guihaia*, 7(4): 293 (1987)—China.
- var. bornmuelleri (Schneid.) M.C. Johnston ex H. Hara in *Enum. Fl. Pl. Nepal*, 2: 92 (1979): S. brandrethiana var. bornmuelleri.

SAGITTARIA (Alismatac.).

- tengtungensis H. Li in *Fl. Yunnanica*, 4: 767 (1986)—China.

SAGUERUS (Palmae).

- rumphii W. Roxburgh ex W. Ainslie, *Materia indica*, 2: 225 (1826); fide D.J. Mabberley in *Taxon*, 26(5–6): 535 (1977)—India.

SAINTMORYSIA (Compos.).

- dentata (L.) Endl., *Cat. Horti Vindob.*, 1: 367 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 436 (1984): Athanasia dentata.

- SAIROCARPUS** D.A. Sutton, *Revis. tribe Antirrhineae*: 461 (1988). **SCROPHULARIACEAE.**
breweri (A. Gray) D.A. Sutton, *Revis. tribe Antirrhineae*: 474 (1988): Antirrhinum breweri.
cornutus (Bentham) D.A. Sutton, *Revis. tribe Antirrhineae*: 468 (1988): Antirrhinum cornutum.
costatus (Wiggins) D.A. Sutton, *Revis. tribe Antirrhineae*: 472 (1988): Antirrhinum costatum.
coulterianus (A.D.C.) D.A. Sutton, *Revis. tribe Antirrhineae*: 468 (1988): Antirrhinum coulterianum.
elmeri (Rothm.) D.A. Sutton, *Revis. tribe Antirrhineae*: 475 (1988): Antirrhinum elmeri.
kingii (S. Watson) D.A. Sutton, *Revis. tribe Antirrhineae*: 470 (1988): Antirrhinum kingii.

SAIROCARPUS :-

- multiflorus (Pennell) D.A. Sutton, *Revis. tribe Antirrhineae*: 467 (1988): Antirrhinum multiflorum.
 nuttallianus (A.D.C.) D.A. Sutton, *Revis. tribe Antirrhineae*: 464 (1988): Antirrhinum nuttallianum.
 pusillus (T.S. Brandege) D.A. Sutton, *Revis. tribe Antirrhineae*: 466 (1988): Antirrhinum pusillum.
 subcordatus (A. Gray) D.A. Sutton, *Revis. tribe Antirrhineae*: 477 (1988): Antirrhinum subcordatum.
 vexillocalyculatus (Kellogg) D.A. Sutton, *Revis. tribe Antirrhineae*: 472 (1988): Antirrhinum vexillocalyculatum.
 virga (A. Gray) D.A. Sutton, *Revis. tribe Antirrhineae*: 466 (1988): Antirrhinum virga.
 watsonii (Vasey & Rose) D.A. Sutton, *Revis. tribe Antirrhineae*: 471 (1988): Antirrhinum watsonii.

SALACCA (Palmae).

- graciliflora J.P. Moge in *Fed. Mus. J. (Kuala Lumpur)*, 29: 6 (1984)—Malaya.
 minuta J.P. Moge in *Fed. Mus. J. (Kuala Lumpur)*, 29: 11 (1984)—Malaya.
 multiflora J.P. Moge in *Fed. Mus. J. (Kuala Lumpur)*, 29: 13 (1984)—Malaya.
 ramosiana J.P. Moge in *Principes*, 30(4): 161 (1986)—Borneo (Sabah), Philippine Is.

SALACIA (Celastrac.).

- alwynii A.M.W. Mennega in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 87(1): 84 (1984)—Peru, Venezuela.
 annettae N. Hallé in *Fl. Gabon*, 29: 134 (1986)—Gabon.
 belingana N. Hallé in *Fl. Gabon*, 29: 148 (1986)—Gabon.
 bullata A.M.W. Mennega in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 87(1): 81 (1984)—Brazil.
 capitulata N. Hallé in *Fl. Gabon*, 29: 116 (1986)—Gabon, Cameroun, Zaire.
 cerasifera
 var. wendjiensis (Wilczek) N. Hallé in *Fl. Gabon*, 29: 110 (1986): S. wendjiensis.
 coronata N. Hallé in *Fl. Gabon*, 29: 154 (1986)—Gabon.
 dimidia N. Hallé in *Fl. Gabon*, 29: 102 (1986)—Cameroun.
 diplesia N. Hallé in *Fl. Gabon*, 29: 101 (1986)—Gabon.
 elegans
 var. inurbana N. Hallé in *Fl. Gabon*, 29: 153 (1986)—Gabon.
 erecta
 var. dewildemaniana (Wilczek) N. Hallé in *Fl. Gabon*, 29: 115 (1986): S. dewildemaniana.
 var. kabweensis (Wilczek) N. Hallé in *Fl. Gabon*, 29: 115 (1986): S. kabweensis.
 var. leonardii (Wilczek) N. Hallé in *Fl. Gabon*, 29: 115 (1986): S. leonardii.
 ferrifodina N. Hallé in *Fl. Gabon*, 29: 104 (1986)—Gabon.
 germainii
 var. chlorion (Hallé) N. Hallé in *Fl. Gabon*, 29: 109 (1986): S. chlorion.
 lehmbachii
 var. aurantiaca (Hallé) N. Hallé in *Fl. Gabon*, 29: 74 (1986): S. uregaensis *var. aurantiaca*.
 var. leonensis (Hutchinson & M.B. Moss) N. Hallé in *Fl. Gabon*, 29: 73 (1986): S. leonensis.
 var. manus-lacertae N. Hallé in *Fl. Gabon*, 29: 73 (1986)—Gabon.
 var. pes-ranulae N. Hallé in *Fl. Gabon*, 29: 75 (1986)—Cameroun.
 var. uregaensis (Wilczek) N. Hallé in *Fl. Gabon*, 29: 74 (1986): S. uregaensis.
 letouzeyana N. Hallé in *Fl. Gabon*, 29: 86 (1986)—Cameroun, Nigeria.
 lolensis
 var. sibangana N. Hallé in *Fl. Gabon*, 29: 82 (1986)—Gabon, Cameroun, Nigeria.
 longipes (Oliver) N. Hallé in *Fl. Gabon*, 29: 65 (1986): Hippocratea? longipes.
 var. camerunensis (Loesener) N. Hallé in *Fl. Gabon*, 29: 66 (1986): S. ? camerunensis.
 var. longipetiolata (Loesener) N. Hallé in *Fl. Gabon*, 29: 69 (1986): S. camerunensis *var. longipetiolata*.

SALACIA :-

- lovetii N. Hallé & B. Mathew in *Kew Bull.*, 41(2): 399 (1986)—Tanzania.
 mamba N. Hallé in *Fl. Gabon*, 29: 145 (1986)—Gabon, Cameroun, Congo - Brazzaville.
 nitida
 var. bipindensis (Loesener) N. Hallé in *Fl. Gabon*, 29: 144 (1986): S. bipindensis.
 paradoxa A.M.W. Mennega in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 87(1): 87 (1984)—Brazil.
 pierrei N. Hallé in *Fl. Gabon*, 29: 128 (1986)—Gabon.
 preussii
 var. louisii (Wilczek) N. Hallé in *Fl. Gabon*, 29: 52 (1986): S. louisii.
 staudiana
 var. cerasiocarpa (Wilczek) N. Hallé in *Fl. Gabon*, 29: 63 (1986): S. tshopoensis *var. cerasiocarpa*.
 var. scaphodisca N. Hallé in *Fl. Gabon*, 29: 64 (1986)—Gabon, Congo - Brazzaville.
 var. tshopoensis (De Wildeman) N. Hallé in *Fl. Gabon*, 29: 62 (1986): S. tshopoensis.
 subiterica N. Hallé in *Fl. Gabon*, 29: 84 (1986)—Gabon.
 tuberculata
 var. ngaziensis (Louis ex Wilczek) N. Hallé in *Fl. Gabon*, 29: 123 (1986): S. ngaziensis.
 villiersii N. Hallé in *Fl. Gabon*, 29: 123 (1986)—Gabon.
 whytei
 var. toussaintii (Wilczek) N. Hallé in *Fl. Gabon*, 29: 100 (1986): S. toussaintii.
 var. vermoeseniiana (Wilczek) N. Hallé in *Fl. Gabon*, 29: 96 (1986): S. vermoeseniiana.

SALICORNIA (Chenopodiace.).

- borealis S.L. Wolff & R.L. Jefferies in *Canad. J. Bot.*, 65(7): 1425 (1987)—Canada (Manitoba).
 maritima S.L. Wolff & R.L. Jefferies in *Canad. J. Bot.*, 65(7): 1424 (1987)—Canada (Quebec, New Brunswick, Nova Scotia).
 oliveri
 var. nidiformis (König) M. Kerguelen in *Lejeunia*, 120: 153 (1987): S. stricta *subsp. nidiformis*.
 vicensis (J. Duvigneaud) J. Duvigneaud in *Bull. Jard. Bot. Nation. Belg.*, 57(3-4): 459 (1987): S. ramosissima *var. vicensis*.

SALIX (Salicac.).

- nothosect. Amylix T.E. Diaz Gonzalez & F. Llamas in *Acta Bot. Malacitana*, 12: 126 (1987). (S. sect. Amygdaline × sect. Salix).
 nothosect. Amytrix T.E. Diaz Gonzalez & F. Llamas in *Acta Bot. Malacitana*, 12: 133 (1987). (S. sect. Amygdalinae × sect. Vetrrix).
 nothosect. Calix T.E. Diaz Gonzalez & F. Llamas in *Acta Bot. Malacitana*, 12: 133 (1987). (S. sect. Canae × sect. Helix).
 nothosect. Camen T.E. Diaz Gonzalez & F. Llamas in *Acta Bot. Malacitana*, 12: 132 (1987). (S. sect. Canae × sect. Vimen).
 nothosect. Catrx T.E. Diaz Gonzalez & F. Llamas in *Acta Bot. Malacitana*, 12: 131 (1987). (S. sect. Canae × sect. Vetrrix).
 nothosect. Hetrix T.E. Diaz Gonzalez & F. Llamas in *Acta Bot. Malacitana*, 12: 132 (1987). (S. sect. Helix × sect. Vetrrix).
 nothosubgen. Velix T.E. Diaz Gonzalez & F. Llamas in *Acta Bot. Malacitana*, 12: 133 (1987). (S. subgen. Salix × subgen. Vetrrix).
 nothosect. Vimetrix T.E. Diaz Gonzalez & F. Llamas in *Acta Bot. Malacitana*, 12: 130 (1987). (S. sect. Vetrrix × sect. Vimen).
 alba
 var. subintegra (C. Wang & P.Y. Fu) N. Chao in *Bull. Forest Pl. Res.*, 3: 2 (1985): S. paraplesia *var. subintegra*.
 annulifera
 var. glabra P.Y. Mao & W.Z. Li in *Acta Bot. Yunnanica*, 9(1): 49 (1987)—China.
 arbutifolia
 f. adenantha (Kimura) A. Kimura in *Sci. Rep. Tohoku Univ.*, Ser. 4, 39(3): 146 (1988): Chosenia macrolepis *monstr. adenantha*.
 babylonica
 var. glandulopilosa P.Y. Mao & W.Z. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 79 (1986)—China.

SALIX :-

- bhutanensis
 var. lasiopes (C. Wang & P.Y. Fu) N. Chao in *Bull. Forest Pl. Res.*, 3: 3 (1985): S. lasiopes.
 var. yadongensis (N. Chao) N. Chao in *Bull. Forest Pl. Res.*, 3: 4 (1985): S. yadongensis.
 breviserrata
 subsp. fontqueri T.E. Diaz Gonzalez, J.A. Fernández Prieto & H. Nava in *Fontqueria*, 21: 10 (1988)—Spain.
 subsp. picoeuropaea (Lainz) K.H. Rechinger in *An. Jard. Bot. Madrid*, 44(2): 596 (1987)—S. repens *subsp. picoeuropaea*.
 chienii
 var. pubigera N. Chao in *Bull. Forest Pl. Res.*, 3: 4 (1985)—China.
 chingshuishanensis S.S. Ying in *J. Jap. Bot.*, 63(2): 51 (1988)—Taiwan.
 cinerea
 var. atrocinerea (Brot.) O. de Bolòs & J. Vigo, *Fl. Paisos Catalans*, 2: 525 (1990): S. atrocinerea.
 contortiapiculata P.Y. Mao & W.Z. Li in *Acta Bot. Yunnanica*, 9(1): 43 (1987)—China.
 cupularis
 var. acutifolia S.Q. Zhou in *Acta Bot. Bor.-Occid. Sin.*, 4(1): 2 (1984)—China.
 daguanensis P.Y. Mao & P.X. He in *Acta Bot. Yunnanica*, 9(1): 45 (1987)—China.
 dolia
 var. lineariloba N. Chao in *Bull. Forest Pl. Res.*, 3: 4 (1985)—China.
 ×ericoataphylloides A. Kimura in *J. Jap. Bot.*, 60(9): 269 (1985)—Japan. (S. bakko × shiraii).
 ernesti
 var. wangii (Görz) N. Chao in *Bull. Forest Pl. Res.*, 3: 5 (1985): S. wangii.
 ×expectata Rivas-Martinez, T.E. Diaz Gonzalez, J.A. Prieto, J. Loidi & A. Penas in *Acta Bot. Malacitana*, 12: 128 (1987)—Spain. (S. atrocinerea × cantabrica).
 fargesii
 var. hypotricha N. Chao in *Bull. Forest Pl. Res.*, 3: 5 (1985)—China.
 fengiana
 var. gymnocarpa P.Y. Mao & W.Z. Li in *Acta Bot. Yunnanica*, 9(1): 53 (1987)—China.
 fengxianica N. Chao in *Acta Bot. Bor.-Occid. Sin.*, 5(2): 115 (1985)—China.
 floccosa
 var. leioygyna P.Y. Mao & W.Z. Li in *Acta Bot. Yunnanica*, 9(1): 49 (1987)—China.
 forbesii Sweet, *Hort. Brit.*, ed. 2: 469 (1830); cf. D.J. Mabblerley in *Taxon*, 32(1): 87 (1983)—Locality not stated.
 fruticulosa S. de Lacroix in *Bull. Soc. Bot. France*, 6: 566 (1860)—France.
 glarearum P.Y. Mao & W.Z. Li in *Acta Bot. Yunnanica*, 9(1): 49 (1987), as 'glareorum'—China.
 gussonei S. Brullo & G. Spampinato in *Willdenowia*, 17(1-2): 5 (1988)—Sicily.
 hastata
 subsp. hastatella (Rech. f.) O. de Bolòs & J. Vigo, *Fl. Paisos Catalans*, 2: 534 (1990): S. hastatella.
 subsp. picoeuropeana (Lainz) T.E. Diaz Gonzalez, J.A. Fernández Prieto & H. Nava in *Fontqueria*, 21: 14 (1988): S. repens *subsp. picoeuropeana*.
 subsp. sierrae-nevadae K.H. Rechinger in *An. Jard. Bot. Madrid*, 44(2): 596 (1987)—Spain.
 hastatella K.H. Rechinger in *An. Jard. Bot. Madrid*, 44(2): 597 (1987)—France.
 integra C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 880 (1784)—Japan.†
 japonica C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 879 (1784)—Japan.†
 jinchiuanica N. Chao in *Fl. Sichuanica*, 3: 287 (1985)—China.
 kungmuensis P.Y. Mao & W.Z. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 80 (1986)—China.
 ×legionensis F. Llamas & Á. Penas in *An. Jard. Bot. Madrid*, 47(2): 510 (1989 publ. 1990)—Spain. (S. cantabrica × salvifolia).
 ×longissima T.E. Diaz Gonzalez & J. Andrés in *Acta Bot. Malacitana*, 12: 132 (1987)—Spain. (S. elaeagnos *subsp. angustifolia* × viminalis).
 longissimpedicellaris N. Chao ex P.Y. Mao in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 81 (1986)—China.

- SALIX** :-
lucida
 subsp. *caudata* (Nutt.) G.W. Argus in *Canad. J. Bot.*, 64(3): 545 (1986); *S. pentandra* var. *caudata*.
 subsp. *lasiandra* (Benth.) G.W. Argus in *Canad. J. Bot.*, 64(3): 545 (1986); *S. lasiandra*.
maerkangensis N. Chao in *Fl. Sichuanica*, 3: 286 (1985)—China.
magadanensis V.A. Nedoluzhko in *Byull. Glavn. Bot. Sada (Moscow)*, 153: 29 (1989)—U.S.S.R. (Soviet Far East).
magnifica
 var. *microphylla* P.Y. Mao in *Acta Bot. Yunnanica*, 9(1): 45 (1987)—China.
minjiangensis N. Chao in *Fl. Sichuanica*, 3: 288 (1985)—China.
 × *misaoana* A. Kimura in *Sci. Rep. Tohoku Univ.*, Ser. 4, 39(3): 143 (1988), nom. nov.: × *Toisochosenia tatewakii* Kimura.
mongolica
 var. *yanbianica* (C.F. Fang & C.Y. Yang) Y.L. Chou, *Ligneous Fl. Heilongjiang*: 151 (1986); *S. yanbianica*.
mucronata
 subsp. *capensis* (Thunb.) K.L. Immelman in *Bothalia*, 17(2): 173 (1987); *S. capensis*.
 subsp. *hirsuta* (Thunb.) K.L. Immelman in *Bothalia*, 17(2): 173 (1987); *S. hirsuta*.
 subsp. *wilmsii* (Seemen) K.L. Immelman in *Bothalia*, 17(2): 176 (1987); *S. wilmsii*.
 subsp. *woodii* (Seemen) K.L. Immelman in *Bothalia*, 17(2): 176 (1987), without basionym page no. which is same as Beibl. no.: *S. woodii*.
 × *multidentata* T.E. Diaz Gonzalez & F. Llamas in *Acta Bot. Malacitana*, 12: 134 (1987)—Spain. (*S. atrocinerea* × *triandra* subsp. *discolor*).
myrtilloides
 subsp. *ustnerensis* N.M. Bol'shakov in *Bot. Zhurn.*, 74(10): 1497 (1989)—U.S.S.R. (Siberia).
nigricans
 subsp. *alpicola* (Buser) E. Lautenschlager in *Bauhinia*, 9(1): 10 (1988); *S. nigricans* var. *alpicola*.
obscura
 var. *lanifera* (C.F. Fang & S.D. Zhao) N. Chao in *Bull. Forest Pl. Res.*, 3: 5 (1985); *S. lanifera*.
occidentalisinensis
 var. *obtusata* (C. Wang & P.Y. Fu) N. Chao in *Bull. Forest Pl. Res.*, 3: 6 (1985); *S. spodiophylla* var. *obtusata*.
oreinoma
 var. *wawashanica* P.Y. Mao & P.X. He in *Acta Bot. Yunnanica*, 9(1): 47 (1987)—China.
phylicifolia
 subsp. *basaltica* (Coste) O. de Bolos & J. Vigo, *Fl. Països Catalans*, 2: 530 (1990); *S. basaltica*.
 × *pormensis* T.E. Diaz Gonzalez & F. Llamas in *Acta Bot. Malacitana*, 12: 129 (1987)—Spain. (*S. cantabrica* × *caprea*).
 × *pseudoelaegnos* T.E. Diaz Gonzalez & F. Llamas in *Acta Bot. Malacitana*, 12: 133 (1987)—Spain. (*S. elaeagnos* subsp. *angustifolia* × *purpurea* subsp. *lambertiana*).
 × *pseudosalvifolia* T.E. Diaz Gonzalez & E. Puente in *Acta Bot. Malacitana*, 12: 131 (1987)—Spain. (*S. elaeagnos* subsp. *angustifolia* × *salvifolia*).
purpurea
 subsp. *angustior* E. Lautenschlager in *Bauhinia*, 8(4): 211 (1987)—Switzerland, France, Austria.
qinglingica C. Wang & N. Chao in *Acta Bot. Bor.-Occid. Sin.*, 5(2): 116 (1985)—China.
raddiana
 var. *liangshuiensis* (Y.L. Chou & C.Y. King) Y.L. Chou, *Ligneous Fl. Heilongjiang*: 157 (1986); *S. liangshuiensis*.
radinostachya
 var. *szechuanica* (Görz) N. Chao in *Fl. Sichuanica*, 3: 125 (1985); *S. balansaei* var. *szechuanica*.
 × *rijosa* Rivas-Martinez, T.E. Diaz Gonzalez, J.A.F. Prieto, J. Loidi & A. Penas in *Acta Bot. Malacitana*, 12: 134 (1987)—Spain. (*S. cantabrica* × *triandra* subsp. *discolor*).
rivulicola P.Y. Mao & W.Z. Li in *Acta Bot. Yunnanica*, 9(1): 47 (1987)—China.
scopulicola P.Y. Mao & W.Z. Li in *Acta Bot. Yunnanica*, 9(1): 51 (1987)—China.
- SALIX** :-
 starkeana
 var. *livida* (Whlb.) Y.L. Chou & S.L. Tung in *Y.L. Chou, Ligneous Fl. Heilongjiang*: 164 (1986); *S. livida*.
suchowensis W.C. Cheng in *Sci. Silvae Sin.*, 8(1): 4 (1963), with two types cited—China.
sungkianica
 f. *brevistachys* Y.L. Chou & Tung in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(3): 145 (1986)—China.
triandra
 var. *mengshanensis* S.B. Liang in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(2): 63 (1988)—China.
urbaniana
 monstr. *nematadenia* (Kimura) A. Kimura in *Sci. Rep. Tohoku Univ.*, Ser. 4, 39(3): 145 (1988); *Toisou urbaniana* monstr. *nematadenia*.
 × *viridifolia* T.E. Diaz Gonzalez & A. Penas in *Acta Bot. Malacitana*, 12: 130 (1987)—Spain. (*S. salvifolia* × *viminialis*).
wuxuhaiensis N. Chao in *Bull. Forest Pl. Res.*, 3: 6 (1985)—China.
xerophila
 var. *ilectica* (Y.L. Chou) Y.L. Chou, *Ligneous Fl. Heilongjiang*: 172 (1986); *S. ilectica*.
yuhuangshanensis
 var. *weiheensis* N. Chao in *Bull. Forest Pl. Res.*, 3: 7 (1985)—China.
zangica
 var. *tibetica* (C. Wang & C.F. Fang) N. Chao in *Bull. Forest Pl. Res.*, 3: 7 (1985); *S. wangiana* var. *tibetica*.
- SALOMONIA** (Polygalac.).
cantonensis
 var. *edentula* (DC.) C.Y. Wu in *Fl. Yunnanica*, 3: 291 (1983); *S. edentula*.
ciliata
 f. *oblongifolia* (DC.) V.S. Raju in *Indian J. Bot.*, 9(1): 75 (1986); *S. oblongifolia*.
- SALPINCTIUM** T.J. Edwards in *S. Afr. J. Bot.*, 55(1): 7 (1989). **ACANTHACEAE**.
hirsutum T.J. Edwards in *S. Afr. J. Bot.*, 55(1): 9 (1989)—Swaziland.
natalense (Clarke) T.J. Edwards in *S. Afr. J. Bot.*, 55(1): 10 (1989); *Asystasia natalensis*.
stenosiphon (Clarke) T.J. Edwards in *S. Afr. J. Bot.*, 55(1): 10 (1989); *Asystasia stenosiphon*.
- SALPISTELE** (Orchidac.).
dielsii (Mansf.) C.A. Luer, *l. Pleurothallid. I-Syst. Pleurothallidinae (Monogr. Syst. Bot. Missouri Bot. Gard. 15)*: 57 (1986); *Lepanthes dielsii*.
penisilis (Schltr.) C.A. Luer, *l. Pleurothallid. I-Syst. Pleurothallidinae (Monogr. Syst. Bot. Missouri Bot. Gard. 15)*: 57 (1986); *Lepanthes penisilis*.
- SALSOLA** (Chenopodiac.).
 sect. *Irania* V.P. Bochantsev in *Bot. Zhurn.*, 71(10): 1400 (1986).
 sect. *Obpyrifolia* V.P. Bochantsev & Kh. Akhmi in *Bot. Zhurn.*, 74(11): 1664 (1989).
badghysi V.P. Bochantsev in *Bot. Zhurn.*, 75(2): 237 (1990)—U.S.S.R. (Middle Asia).
baryosma
 subsp. *gaetula* (Maire) H. Freitag in *Flora (Germany)*, 183(1–2): 159 (1989), without basionym ref.: *S. foetida* var. *gaetula*.
dentata (Willd.) Germann, *Verz. Pfl. Bot. Gart. Kais. Univ. Dorpat*, 1807: 116 (1807); cf. D.J. Maberley in *Taxon*, 32(1): 86 (1983); Basionym not stated.
glabella V.P. Bochantsev in *Bot. Zhurn.*, 75(2): 238 (1990)—U.S.S.R. (Middle Asia), Afghanistan.
griffithii (Bunge) H. Freitag & K. Khani in *Pl. Syst. Evol.*, 155(1–4): 50 (1987); *Noaea griffithii*.
kurbanovii V.P. Bochantsev in *Bot. Zhurn.*, 75(2): 239 (1990)—U.S.S.R. (Middle Asia), Afghanistan.
murgabica V.P. Bochantsev in *Bot. Zhurn.*, 75(2): 240 (1990)—Afghanistan.
obpyrifolia V.P. Bochantsev & Kh. Akhmi in *Bot. Zhurn.*, 74(11): 1665 (1989)—Iran.
oppositifolia
 f. *feminea* V.P. Bochantsev in *Novosti Sist. Vyssh. Rast.*, 26: 86 (1989)—Algeria.
- SALSOLA** :-
 sogdiana A. Bunge, *Beitr. Fl. Russl.*: 297 (1852)—U.S.S.R. (Middle Asia).†
- SALVIA** (Labiata).
amethystina
 subsp. *ampelophylla* (Epling) J.R.I. Wood & R.M. Harley in *Kew Bull.*, 44(2): 241 (1989); *S. ampelophylla*.
arabica A.H.E. Al-Musawi & E. Weinert in *Feddes Repert.*, 100(9–10): 451 (1989)—Iraq.
blancoana
 subsp. *amethystea* (Emb. & Maire) R. Figuerola in *An. Jard. Bot. Madrid*, 44(1): 174 (1987); *S. aucheri* var. *amethystea*.
 var. *amethystea* (Emberger & Maire) R. Figuerola, G. Stübing & J.B. Peris in *Folia Bot. Misc.*, 7: 84 (1990); *S. aucheri* var. *amethystea*.
 var. *aurasiaca* (Maire) R. Figuerola in *An. Jard. Bot. Madrid*, 44(1): 174 (1987); *S. aucheri* var. *aurasiaca*.
 subsp. *hegelmaieri* (Porta & Rigo) R. Figuerola in *An. Jard. Bot. Madrid*, 42(2): 538 (1985 publ. 1986); *S. hegelmaieri*.
 var. *hegelmaieri* (Porta & Rigo) R. Figuerola, G. Stübing & J.B. Peris in *Folia Bot. Misc.*, 7: 83 (1990); *S. hegelmaieri*.
 var. *lagascana* (Webb) R. Figuerola in *An. Jard. Bot. Madrid*, 44(1): 174 (1987); *S. lavandulifolia* var. *lagascana*.
 subsp. *mariolensis* R. Figuerola in *An. Jard. Bot. Madrid*, 42(2): 538 (1985 publ. 1986)—Spain.
 var. *mariolensis* (Figuerola) R. Figuerola, G. Stübing & J.B. Peris in *Folia Bot. Misc.*, 7: 85 (1990); *S. blancoana* subsp. *mariolensis*.
 var. *maurorum* (Ball) R. Figuerola, G. Stübing & J.B. Peris in *Folia Bot. Misc.*, 7: 83 (1990); *S. candelabrum* subsp. *maurorum*.
 subsp. *mesatlantica* (Maire) R. Figuerola in *An. Jard. Bot. Madrid*, 44(1): 174 (1987); *S. aucheri* var. *mesatlantica*.
 var. *mesatlantica* (Maire) R. Figuerola, G. Stübing & J.B. Peris in *Folia Bot. Misc.*, 7: 84 (1990); *S. aucheri* var. *mesatlantica*.
 var. *vellerea* (Cuatrec.) R. Figuerola in *An. Jard. Bot. Madrid*, 44(1): 174 (1987); *S. officinalis* var. *vellerea*.
bogotensis
 subsp. *aratocensis* J.R.I. Wood & R.M. Harley in *Kew Bull.*, 44(2): 260 (1989)—Colombia.
 subsp. *sochensis* J.R.I. Wood & R.M. Harley in *Kew Bull.*, 44(2): 258 (1989)—Colombia.
 subsp. *suratensis* J.R.I. Wood & R.M. Harley in *Kew Bull.*, 44(2): 260 (1989)—Colombia.
camphorata Huber, *Cat. Gén. 1871 & 1872*: 5 (1871); cf. D.J. Maberley in *Taxon*, 34(3): 453 (1985)—Locality not stated.
cana Wall. ex Benth. in *Lindl., Bot. Reg.*, sub t. 1292 (1830); cf. D.J. Maberley in *Taxon*, 31(1): 72 (1982)—Locality not stated.
carnea
 var. *panicans* (Epling) J.R.I. Wood & R.M. Harley in *Kew Bull.*, 44(2): 252 (1989); *S. panicans*.
 var. *sciaphila* J.R.I. Wood & R.M. Harley in *Kew Bull.*, 44(2): 253 (1989)—Colombia.
charpini G. Alziar in *Bioscosme Mésogéen*, 6(1–2): 79 (1989), nom. nov.: *S. flocculosa* Epl. & Mathias.
chicamochoae J.R.I. Wood & R.M. Harley in *Kew Bull.*, 44(2): 253 (1989)—Colombia.
dabieshanensis J.Q. He in *Acta Bot. Yunnanica*, 11(4): 409 (1989)—China.
eizi-matudae T.P. Ramamoorthy in *Taxon*, 36(3): 588 (1987), nom. nov.: *S. matudae* Epling.
eplingiana G. Alziar in *Bioscosme Mésogéen*, 5(3–4): 86 (1988), nom. nov.: *S. tricuspidata* Epling.
falcata J.R.I. Wood & R.M. Harley in *Kew Bull.*, 44(2): 270 (1989)—Colombia.
filifolia T.P. Ramamoorthy in *An. Inst. Biol. Univ. Nac. Autón. Méx., Bot.*, 54: 157 (1983 publ. 1987)—Mexico.
golneviana R.Ya. Rzazade in *Fl. Azerbaïdzhan*, 7: 612 (1957)—U.S.S.R. (Caucasus).
herbanica A. Santos & M. Fernández in *Lazaroa*, 9: 52 (1986 publ. 1988)—Canary Is.
inconspicua Bertol., *Syll. Pl. Hort. Bot. Bonon.*, 1827: 7 (1827); cf. D.J. Maberley in *Taxon*, 32(1): 82 (1983)—Locality not stated.

SALVIA :-

- japonica C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 72 (1784)—Japan. †
- lavandulifolia
- var. adenostachys (O. Bolòs & Vigo) R. Figuerola in *An. Jard. Bot. Madrid*, 44(1): 174 (1987): S. officinalis f. adenostachys.
- subsp. amethystea (Emberger & Maire) J.L. Rosua & G. Blanca in *Acta Bot. Malacitana*, 11: 252 (1986): S. aucheri var. amethystea.
- subsp. approximata (Pau) R. Figuerola in *An. Jard. Bot. Madrid*, 43(1): 178 (1986): S. approximata.
- var. asiatica (Maire) J.L. Rosua & G. Blanca in *Acta Bot. Malacitana*, 11: 259 (1986): S. aucheri var. asiatica.
- subsp. blancoana (Webb & Heldr.) J.L. Rosua & G. Blanca in *Acta Bot. Malacitana*, 11: 256 (1986): S. blancoana.
- var. blancoana (Webb & Heldr.) J.L. Rosua & G. Blanca in *Acta Bot. Malacitana*, 11: 258 (1986): S. blancoana.
- subsp. maurorum (Ball) J.L. Rosua & G. Blanca in *Acta Bot. Malacitana*, 11: 254 (1986): S. candelabrum subsp. maurorum.
- subsp. mesatlantica (Maire) J.L. Rosua & G. Blanca in *Acta Bot. Malacitana*, 11: 249 (1986): S. aucheri var. mesatlantica.
- var. pyrenaicum (Lippert) R. Figuerola, G. Stübing & J.B. Peris in *Folia Bot. Misc.*, 7: 86 (1990): S. lavandulifolia subsp. pyrenaicum.
- var. trichostachya (Font Quer ex O. Bolòs & Vigo) R. Figuerola in *An. Jard. Bot. Madrid*, 44(1): 174 (1987): S. officinalis f. trichostachya.
- var. vellerea (Cuatr.) J.L. Rosua & G. Blanca in *Acta Bot. Malacitana*, 11: 261 (1986): S. officinalis var. vellerea.
- lavendula Alain H. Liogier in *Phytologia*, 64(5): 347 (1988)—Hispaniola (Dominican Republic).
- manantlanensis T.P. Ramamoorthy in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 9(2): 173 (1987)—Mexico.
- melaleuca
- subsp. totensis J.R.I. Wood & R.M. Harley in *Kew Bull.*, 44(2): 234 (1989)—Colombia.
- nigrescens Bull, *Retail List*, 121: 170 (1876); cf. D.J. Mabberley in *Taxon*, 34(3): 455 (1985)—Locality not stated.
- nubigena J.R.I. Wood & R.M. Harley in *Kew Bull.*, 44(2): 236 (1989)—Colombia.
- paryskii J.D. Skeeve & W.S. Judd in *Brittonia*, 40(1): 16 (1988)—Hispaniola (Haiti).
- pauciserrata
- subsp. calocalicina (Briq.) J.R.I. Wood & R.M. Harley in *Kew Bull.*, 44(2): 245 (1989): S. calocalicina.
- subsp. derasa (Benth.) J.R.I. Wood & R.M. Harley in *Kew Bull.*, 44(2): 244 (1989): S. derasa.
- subsp. erythrocalicina J.R.I. Wood & R.M. Harley in *Kew Bull.*, 44(2): 245 (1989)—Colombia.
- subsp. lasiocalicina J.R.I. Wood & R.M. Harley in *Kew Bull.*, 44(2): 245 (1989)—Colombia.
- phlomisoides
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 subsect. Engleria (Sündermann) R.J. Gornall in *Bot. J. Linn. Soc.*, 95(4): 282 (1987): S. sect. Engleria.
 subsect. Florulentae (Engler & Imscher) R.J. Gornall in *Bot. J. Linn. Soc.*, 95(4): 283 (1987): S. grex Florulentae.
 ser. Gemmparae (Engler & Imscher) R.J. Gornall in *Bot. J. Linn. Soc.*, 95(4): 277 (1987): S. subsect. Gemmparae.
 subsect. Hemisphaericae (Engler & Imscher) R.J. Gornall in *Bot. J. Linn. Soc.*, 95(4): 277 (1987): S. grex Hemisphaericae.
 sect. Hemisphaericae (Engl. & Imscher) P.Yu. Zhmylev in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 92(5): 135 (1987), without basionym ref.: Basionym not stated.
 ser. Hirculoideae (Engler & Imscher) R.J. Gornall in *Bot. J. Linn. Soc.*, 95(4): 276 (1987): S. subsect. Hirculoideae.
 ser. Juniperifoliae (Engler & Imscher) R.J. Gornall in *Bot. J. Linn. Soc.*, 95(4): 281 (1987): S. grex Juniperifoliae.
 ser. Lilaciniae R.J. Gornall in *Bot. J. Linn. Soc.*, 95(4): 281 (1987).
 ser. Lychnitidae (Engler & Imscher) R.J. Gornall in *Bot. J. Linn. Soc.*, 95(4): 276 (1987): S. grex Lychnitidae.
 ser. Marginatae (Engler & Imscher) R.J. Gornall in *Bot. J. Linn. Soc.*, 95(4): 282 (1987): S. grex Marginatae.
 ser. Melanocentrae (Engler & Imscher) R.J. Gornall in *Bot. J. Linn. Soc.*, 95(4): 279 (1987): S. grex Melanocentrae.
 sect. Merkianae (Engler & Imscher) R.J. Gornall in *Bot. J. Linn. Soc.*, 95(4): 278 (Dec. 1987): S. grex Merkianae.
 sect. Merkianae (Engl. & Imsch.) P.Yu. Zhmylev in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 92(5): 134 (Sept. 1987), without full basionym ref.: S. grex Merkianae.
 subsect. Micranthes (Haworth) R.J. Gornall in *Bot. J. Linn. Soc.*, 95(4): 279 (1987): gen. Micranthes.
 ser. Micranthes (Haworth) R.J. Gornall in *Bot. J. Linn. Soc.*, 95(4): 280 (1987): gen. Micranthes.
 subsect. Mutatae (Engler & Imscher) R.J. Gornall in *Bot. J. Linn. Soc.*, 95(4): 283 (1987): S. grex Mutatae.
 ser. Nutantes (Engler & Imscher) R.J. Gornall in *Bot. J. Linn. Soc.*, 95(4): 276 (1987): S. subsect. Nutantes.
 sect. Odontophyllae R.J. Gornall in *Bot. J. Linn. Soc.*, 95(4): 286 (1987).
 ser. Oppositifoliae (Hayek) R.J. Gornall in *Bot. J. Linn. Soc.*, 95(4): 282 (1987): S. subsect. Oppositifoliae.
 sect. Pseudocymbalaria P.Yu. Zhmylev in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 92(5): 133 (1987).
 ser. Rigidiae (Engler & Imscher) R.J. Gornall in *Bot. J. Linn. Soc.*, 95(4): 282 (1987): S. grex Rigidiae.
 subsect. Rosulares R.J. Gornall in *Bot. J. Linn. Soc.*, 95(4): 277 (1987), nom. nov.: S. subsect. Sediformes Engler & Imscher.
 subsect. Serpyllifoliae R.J. Gornall in *Bot. J. Linn. Soc.*, 95(4): 277 (1987).
 ser. Spinulosae (C.B. Clarke) R.J. Gornall in *Bot. J. Linn. Soc.*, 95(4): 277 (1987): S. sect. Spinulosae.
 ser. Squarrosae (Engler & Imscher) R.J. Gornall in *Bot. J. Linn. Soc.*, 95(4): 282 (1987): S. grex Squarrosae.
 sect. Steiranisia (Raf.) P.Yu. Zhmylev in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 92(5): 135 (1987), without basionym ref.: Basionym not stated.
 subsect. Stellares (Engler & Imscher) R.J. Gornall in *Bot. J. Linn. Soc.*, 95(4): 278 (1987): S. grex Stellares.
 ser. Subsessiliflorae R.J. Gornall in *Bot. J. Linn. Soc.*, 95(4): 282 (1987).
 ser. Tetrameridium (Engler) R.J. Gornall in *Bot. J. Linn. Soc.*, 95(4): 283 (1987): S. sect. Tetrameridium.
 subsect. Tridactylites (Haworth) R.J. Gornall in *Bot. J. Linn. Soc.*, 95(4): 291 (1987): gen. Tridactylites.
 subsect. Triplinervium (Gaudin) R.J. Gornall in *Bot. J. Linn. Soc.*, 95(4): 287 (1987): S. group Triplinervium.
 ×akinievii
 nothovar. oettingenii (Galuško & Kudrjašova) R. Horný & K. Mirko Webr, *Lomikameny sekce Porophyllum*, 1: 125 (1985): S. × oettingenii.
 amabilis H. Ohba & M. Wakabayashi in *J. Jap. Bot.*, 62(6): 162 (1987)—Nepal.
 arinae P.Yu. Zhmylev in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(1): 97 (1988)—Kuril Is.
 aristulata
 var. earistulata T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 14 (1989)—China.
 aurantiaca
 f. lanceolata T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 18 (1989)—China.
 auriculata
 var. conaensis J.T. Pan in *Fl. Xizangica*, 2: 471 (1985)—Xizang.

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- baimashanensis C.Y. Wu in *Acta Phytotax. Sin.*, 28(1): 62 (1990)—China.
 balongshanensis T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 7 (1989)—China.
 biflora T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 18 (1989)—China.
 subsp. epitrotica D.A. Webb in *Bot. J. Linn. Soc.*, 95(4): 237 (1987)—Greece.
 brachypodoidea J.T. Pan in *Acta Phytotax. Sin.*, 28(5): 391 (1990)—Xizang.
 callosa
 var. australis (Moricond) D.A. Webb in *Bot. J. Linn. Soc.*, 95(4): 239 (1987): S. australis.
 carnosus Sweet, *Hort. Suburb. Lond.*: 98 (1818); cf. D.J. Mabberley in *Taxon*, 31(1): 72 (1982)—Locality not stated.
 carpetana
 subsp. atlantica (Boiss. & Reuter) A.M. Romo in *Treb. Inst. Bot. Barcelona*, 11: 16 (1987): S. carpetana var. atlantica.
 subsp. graeca (Boiss. & Heldr.) D.A. Webb in *Bot. J. Linn. Soc.*, 95(4): 243 (1987): S. graeca.
 caveana
 var. lanceolata J.T. Pan in *Acta Phytotax. Sin.*, 28(5): 389 (1990)—Xizang.
 chadwellii B.M. Wadhwa in *Bull. Bot. Surv. India*, 28(1-4): 157 (1986 publ. 1988)—India.
 cherlerioides
 var. microglobularia (Khokhr.) P.Yu. Zhmylev in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(1): 97 (1988): S. microglobularia.
 var. xerophylla (Khokhr.) P.Yu. Zhmylev in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(1): 97 (1988): S. derbekii subsp. xerophylla.
 ciliatopetala (Engl. & Imsch.) J.T. Pan in *Fl. Xizangica*, 2: 481 (1985): S. hirculus f. ciliatopetala.
 cismagadanica L.I. Mal'yshev in *Bot. Zhurn.*, 73(1): 98 (1988)—U.S.S.R. (Soviet Far East).
 clavistamineoides T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 19 (1989)—China.
 ×conradiae J. Prudhomme in *Candollea*, 43(1): 401 (1988), contrary to Art. H5.1 ICBN 1988—Corsica. (S. corsica subsp. corsica × pedemontana subsp. cervicornis).
 continentalis
 var. cantabrica (Boiss. & Reuter ex Engler) D.A. Webb in *Bot. J. Linn. Soc.*, 95(4): 245 (1987): S. hypnoides var. cantabrica.
 cuneata
 subsp. corbariensis (Timb.-Lagr.) G. Mateo Sanz & M.B. Crespo Villalba in *Fontqueria*, 24: 7 (1989): S. corbariensis.
 cuneifolia
 subsp. robusta D.A. Webb in *Bot. J. Linn. Soc.*, 97(4): 355 (1988)—Austria.
 cymiformis T.C. Ku in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 4 (1989)—China.
 daochengensis J.T. Pan in *Acta Phytotax. Sin.*, 28(5): 394 (1990)—China.
 ×davidis-webbii P. Vargas in *An. Jard. Bot. Madrid*, 44(2): 540 (1987)—Spain. (S. moncaensis × pentadactylis).
 decipiens
 subsp. sternbergii (Willd.) M. Kerguelen in *Lejeunia*, 120: 155 (1987): S. sternbergii.
 densifoliata
 var. nedongensis J.T. Pan in *Fl. Xizangica*, 2: 473 (1985)—Xizang.
 deqenensis C.Y. Wu in *Acta Phytotax. Sin.*, 28(1): 66 (1990)—China.
 dianxibeensis J.T. Pan in *Acta Phytotax. Sin.*, 28(1): 59 (1990), nom. nov.: S. diversifolia f. alpina Engl. & Imsch.
 diffusicallosa C.Y. Wu in *Fl. Xizangica*, 2: 472 (1985), nom. nov.: S. taylorii H. Sm.
 diversifolia
 var. angustibracteata (Engl. & Imsch.) J.T. Pan in *Acta Phytotax. Sin.*, 28(1): 64 (1990): S. diversifolia f. angustibracteata.
 draboides C.Y. Wu in *Acta Phytotax. Sin.*, 28(1): 64 (1990)—China.
 egregia
 var. eciliata J.T. Pan in *Fl. Xizangica*, 2: 476 (1985)—Xizang.
 egregioides J.T. Pan in *Acta Phytotax. Sin.*, 28(5): 388 (1990)—Xizang.

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- erectispala *J.T. Pan in Acta Phytotax. Sin.*, 28(5): 384 (1990)—Xizang.
- exarata
 subsp. ampullacea (*Ten.*) *D.A. Webb in Bot. J. Linn. Soc.*, 95(4): 248 (1987): S. ampullacea.
 subsp. lamottei (*Lauzet*) *D.A. Webb in Bot. J. Linn. Soc.*, 95(4): 248 (1987), without basionym page: S. lamottei.
 subsp. pseudoexarata (*Br.-Bl.*) *D.A. Webb in Bot. J. Linn. Soc.*, 95(4): 247 (1987): S. moschata subsp. pseudoexarata.
- federici-augusti
 subsp. grisebachii (*Degen & Dörfler*) *D.A. Webb in Bot. J. Linn. Soc.*, 95(4): 235 (30 December 1987): S. grisebachii.
 subsp. grisebachii (*Degen & Dörfler*) *J.S. Byam-Grounds, R. Horný & J. Soják in Preslia*, 60(1): 74 (1988), isonym see *D.A. Webb in Bot. J. Linn. Soc.*, 95(4): 235 (1987): S. grisebachii.
- flaccida *J.T. Pan in Fl. Xizangica*, 2: 506 (1985)—Xizang.
- gedangensis *J.T. Pan in Acta Phytotax. Sin.*, 28(5): 386 (1990)—Xizang.
- gonggashanensis *J.T. Pan in Acta Phytotax. Sin.*, 28(1): 66 (1990)—China.
- gongshanensis *T.C. Ku in Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 9 (1989)—China.
- granulata
 subsp. glaucescens (*Reuter*) *S. Rivas-Martínez, F. Fernández González & D. Sánchez-Mata in Opusc. Bot. Pharm. Complutensis*, 2: 116 (1986): S. glaucescens.
- ×guadarramica *J. Fernández Casas in Fontqueria*, 2: 25 (1982): Spain.
- harai *H. Ohba & M. Wakabayashi in J. Jap. Bot.*, 62(6): 163 (1987)—Nepal.
- harry-smithii *B.M. Wadhwa in Kew Bull.*, 41(1): 61 (1986)—Bhutan.
- haworthii *Sweet, Hort. Suburb. Lond.*: 98 (1818); cf. *D.J. Mabberley in Taxon*, 31(1): 72 (1982)—Locality not stated.
- heterocladoides *J.T. Pan in Fl. Xizangica*, 2: 474 (1985)—Xizang.
- hirculus
 var. major (*Engl. & Irmsch.*) *J.T. Pan in Fl. Xizangica*, 2: 480 (1985): S. hirculus f. major.
- hypericoides
 var. glabrescens *T.C. Ku in Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 3 (1989)—China.
 f. longipetala *T.C. Ku in Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 2 (1989)—China.
- implicans
 var. weixiensis *C.Y. Wu in Acta Phytotax. Sin.*, 28(1): 57 (1990)—China.
- intricata
 subsp. moncayensis (*D.A. Webb*) *P. Vargas & F. Muñoz Garmendia in Fontqueria*, 11: 7 (1986): S. moncayensis.
- kangdingensis *T.C. Ku in Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 9 (1989)—China.
- latipetala *T.C. Ku in Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 6 (1989)—China.
- lixianensis *T.C. Ku in Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 17 (1989)—China.
- longipetala *T.C. Ku in Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 10 (1989)—China.
- maderensis
 var. pickeringii (*C. Simon*) *D.A. Webb & J.R. Press in Bocagiana*, 105: 3 (1987): S. pickeringii.
- mallae *H. Ohba & M. Wakabayashi in J. Jap. Bot.*, 62(6): 165 (1987)—Nepal.
- mandenovae *J. Soják in Cas. Nár. Muz. (Prague)*, 154(2): 93 (1985 publ. 1988), nom. nov.: S. meyeri *Mandenova*.
- marginata
 var. bubakii (*Rohlena*) *R. Horný in R. Horný & K. Mirko Webr, Lomikameny sekce Porophyllum*, 1: 96 (1985): S. rocheliana var. bubakii.
- maxiongouensis *J.T. Pan in Acta Phytotax. Sin.*, 28(1): 57 (1990)—China.
- medogensis *J.T. Pan in Acta Phytotax. Sin.*, 28(5): 392 (1990)—Xizang.
- microglobularis *A.P. Khokhryakov in Biol. Rast. i Fl. Sev. Dal'n. Vostok. (ed. M.T. Mazurenko)*: 15 (1981)—U.S.S.R. (Soviet Far East).

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- microgyna
 f. uniflora *T.C. Ku in Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 19 (1989)—China.
- montana
 f. densifolia *T.C. Ku in Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 13 (1989)—China.
 f. oblongipetala *T.C. Ku in Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 13 (1989)—China.
- montanella
 var. retusa *J.T. Pan in Fl. Xizangica*, 2: 482 (1985)—Xizang.
- mucronulata
 subsp. sikkimensis (*Hultén*) *H. Hara in Enum. Fl. Pl. Nepal*, 2: 153 (1979): S. flagellaris subsp. sikkimensis.
 nakaoides *J.T. Pan in Fl. Xizangica*, 2: 485 (1985)—Xizang.
- nanella
 var. glabrisepala *J.T. Pan in Fl. Xizangica*, 2: 503 (1985)—Xizang.
- nanelloides *C.Y. Wu in Acta Phytotax. Sin.*, 28(1): 62 (1990)—China.
- nanggenica *J.T. Pan in Acta Phytotax. Sin.*, 28(5): 392 (1990)—China.
- nayarii *B.M. Wadhwa in Bull. Bot. Surv. India*, 26(1-2): 102 (1984 publ. 1985)—Xizang.
- obovatifolia *T.C. Ku in Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 16 (1989)—China.
- obtusa (*Sprague*) *R. Horný & K. Mirko Webr, Lomikameny sekce Porophyllum*, 1: 106 (1985): S. scardica var. obtusa.
- oligophylla *T.C. Ku in Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 8 (1989)—China.
- omphalodifolia
 var. callosa *C.Y. Wu in Acta Phytotax. Sin.*, 28(1): 59 (1990)—China.
 var. retusopetala *J.T. Pan in Acta Phytotax. Sin.*, 28(1): 59 (1990)—Xizang.
- oppositifolia
 subsp. paradoxa *D.A. Webb in Bot. J. Linn. Soc.*, 95(4): 237 (1987)—France, Spain.
- oreophila
 var. dapaoshanensis *J.T. Pan in Acta Phytotax. Sin.*, 28(5): 391 (1990)—China.
- orogredensis *S. Rivas-Martínez, V. de la Fuente & D. Sánchez-Mata in Opusc. Bot. Pharm. Complutensis*, 4: 123 (1988)—Spain.
- ovatifolia *T.C. Ku in Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 3 (1989)—China.
- ovczinnikovii *R.V. Kamelin in Dokl. Akad. Nauk Tadzh. SSR*, 32(12): 849 (1989 publ. 1990)—U.S.S.R. (Middle Asia).
- paiquensis *J.T. Pan in Acta Phytotax. Sin.*, 28(5): 394 (1990)—Xizang.
- parnassifolia
 var. obscuricallosa *J.T. Pan in Fl. Xizangica*, 2: 478 (1985)—Xizang.
- pauciflora *T.C. Ku in Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 14 (1989)—China.
- pellucida *C.Y. Wu in Acta Phytotax. Sin.*, 28(1): 61 (1990)—China.
- pentadactylis
 subsp. almanzorii *P. Vargas in An. Jard. Bot. Madrid*, 43(2): 457 (1986 publ. 1987)—Spain.
 subsp. losae (*Sennen*) *D.A. Webb in Bot. J. Linn. Soc.*, 95(4): 249 (1987): S. losae.
- peplidifolia
 var. angustipetala *T.C. Ku in Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 2 (1989)—China.
- platyloba *G. Mateo Sanz & M.B. Crespo Villalba in Fontqueria*, 24: 7 (1989)—Spain.
- propinqua *R. Br. in Ross, Voy. Expl. Baffin's Bay*: cxlii (April 1819); cf. *D.J. Mabberley in Taxon*, 30(1): 17 (1981)—Locality not stated.
- ×prudhommei *P. Aubin in Bull. Mens. Soc. Linn. Lyon*, 56(1): 15 (1987)—France. (S. granulata × intricata).
- punctulata
 var. minuta *J.T. Pan in Fl. Xizangica*, 2: 492 (1985)—Xizang.
- punctulatoides *J.T. Pan in Fl. Xizangica*, 2: 493 (1985)—Xizang.
- razshivinii *P.Yu. Zhmylev in Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 95(3): 87 (1990)—Canada (Yukon), Alaska.
- reflexa *T.C. Ku in Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 4 (1989)—China.

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- riagdomensis *T.C. Ku in Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 2 (1989)—Xizang.
- rizhaoshanensis *J.T. Pan in Acta Phytotax. Sin.*, 28(5): 386 (1990)—China.
- rosacea
 subsp. hartii (*D.A. Webb*) *D.A. Webb in Bot. J. Linn. Soc.*, 95(4): 246 (1987): S. hartii.
- rotundifolia
 var. apennina *D.A. Webb in Bot. J. Linn. Soc.*, 95(4): 232 (1987)—Italy.
- rotundipetala *J.T. Pan in Fl. Xizangica*, 2: 513 (1985)—Xizang.
- rupestris *T.C. Ku in Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 7 (1989)—China.
- serrata (*Haw.*) *Lehm., Sem. Hort. Bot. Hamburg*, 1824: 16 (1824); cf. *D.J. Mabberley in Taxon*, 32(1): 86 (1983): Basionym not stated.
- setulosa *C.Y. Wu in Acta Phytotax. Sin.*, 28(1): 55 (1990)—China.
- sheqilaensis *J.T. Pan in Acta Phytotax. Sin.*, 28(5): 388 (1990)—Xizang.
- spathulifolia *T.C. Ku in Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 11 (1989)—China.
- spruneri
 var. deorum (*Pénzes*) *R. Horný & K. Mirko Webr, Lomikameny sekce Porophyllum*, 1: 117 (1985): S. spruneri subsp. deorum.
- stellaris
 var. gemmifera *D.A. Webb in Bot. J. Linn. Soc.*, 95(4): 231 (1987)—Ireland.
- stelleriana
 var. pubifolia *P.Yu. Zhmylev in Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 93(1): 96 (1988)—U.S.S.R. (Soviet Far East).
- stenophylla
 subsp. hoffmeisteri (*Klotzsch*) *H. Hara in Enum. Fl. Pl. Nepal*, 2: 155 (1979): S. hoffmeisteri.
- sublinearifolia *J.T. Pan in Acta Phytotax. Sin.*, 28(5): 385 (1990)—China.
- subomphalodifolia *J.T. Pan in Acta Phytotax. Sin.*, 28(1): 57 (1990)—China.
- subpeltata *Fröbel, Revue horticole*, 44: 147 (1872); cf. *D.J. Mabberley in Taxon*, 34(3): 455 (1985)—Locality not stated.
- subsediformis *J.T. Pan in Acta Phytotax. Sin.*, 28(5): 391 (1990)—China.
- substrigosa *J.T. Pan in Fl. Xizangica*, 2: 463 (1985)—Xizang.
- subtsangchanensis *J.T. Pan in Acta Phytotax. Sin.*, 28(5): 389 (1990)—Xizang.
- tischii *R.J. Skelly in Madroño*, 35(2): 126 (1988)—U.S.A. (Washington), Canada (British Columbia).
- umbellulata
 var. muricola (*Marq. & Shaw*) *J.T. Pan in Fl. Xizangica*, 2: 494 (1985): S. muricola.
- unguiculata
 var. limprichtii (*Engl. & Irm.*) *J.T. Pan ex S.Y. He in Fl. Hebeiensis*, 1: 581 (1986): S. limprichtii.
- wardii
 var. glabripedicellata *J.T. Pan in Fl. Xizangica*, 2: 468 (1985)—Xizang.
- wenchuanensis *T.C. Ku in Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 16 (1989)—China.
- willkommiana
 subsp. almanzorii (*P. Vargas*) *Rivas-Martínez ex F. Amich, J.A. Sánchez Rodríguez & F.J. Fernández Diez, Exsicc. Select. Fl. Ibericae*: 8 (1988): S. pentadactylis subsp. almanzorii.
 subsp. caballeroi (*Cámara & Sennen*) *V. de la Fuente in Lazaroa*, 8: 217 (1985 publ. 1986): S. caballeroi.
- xiaojinensis *T.C. Ku in Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 5 (1989)—China.
- yezhiensis *C.Y. Wu in Acta Phytotax. Sin.*, 28(1): 54 (1990)—China.
- yunlingensis *C.Y. Wu in Acta Phytotax. Sin.*, 28(1): 61 (1990)—China.
- zayuensis *T.C. Ku in Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 12 (1989)—Xizang.
 f. angustipetala *T.C. Ku in Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 13 (1989)—China.
- zhejiangensis *Z. Wei & Y.B. Chang in Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 33 (1989)—China.
- zogangensis *T.C. Ku in Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 13 (1989)—Xizang.
 var. pilosa *T.C. Ku in Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 14 (1989)—Xizang. —

SCABIOSA (Dipsacac.).

- sect. *Olivierianae* K.H. Rechinger in *Willdenowia*, 19(1): 139 (1989).
columbaria
 subsp. *caespitosa* Z. Jamzad in *Iranian J. Bot.*, 4(2): 186 (1989)—Iran.
 subsp. *tineensis* M. Lainz, *Mis contrib. conocim. fl. Asturias*: 64 (1982)—Spain.
deserticola K.H. Rechinger in *Willdenowia*, 19(1): 142 (1989)—Iraq, Sinai Peninsula, Jordan, Syria, Saudi Arabia, Iran, U.S.S.R. (Middle Asia), Afghanistan, Pakistan.
esfandiarii Z. Jamzad in *Iranian J. Bot.*, 4(2): 184 (1989)—Iran.
longepedunculata Hornem., *Hort. Hafn.*: 985 (1815); cf. D.J. Mabberley in *Taxon*, 33(3): 437 (1984)—Locality not stated.
persica
 var. *rosea* Z. Jamzad in *Iranian J. Bot.*, 4(2): 188 (1989)—Iran.
scopolii Hort. *Vindob. ex Hornem., Hort. Hafn., Suppl.*: 16 (1819); cf. D.J. Mabberley in *Taxon*, 33(3): 437 (1984)—Locality not stated.
transcaspica K.H. Rechinger in *Willdenowia*, 19(1): 148 (1989)—U.S.S.R. (Middle Asia, Caucasus), Iran.
tschiliensis
 var. *superba* (Grün.) S.Y. He in *Fl. Reipubl. Popul. Sin.*, 73(1): 81 (1986): S. *superba*.

- SCABIOSIOPSIS** K.H. Rechinger in *Willdenowia*, 19(1): 153 (1989). *DIPSACACEAE*.
enigmatica K.H. Rechinger in *Willdenowia*, 19(1): 153 (1989)—Iran.

SCAEVOLA (Goodeniace.).

- subsect. *Parvifoliae* R. Carolin in *Telopea*, 3(4): 490 (1990).
 subsect. *Pogonanthera* (Don) R. Carolin in *Telopea*, 3(4): 490 (1990): S. sect. *Pogonanthera*.
acacioides R. Carolin in *Telopea*, 3(4): 491 (1990)—Australia (W. Australia).
albida
 var. *pallida* (R. Br.) R.C. Carolin in *Fl. S. Australia*, 3: 1410 (1986): S. *pallida*.
angustata R.C. Carolin in *Fl. S. Australia*, 3: 1410 (1986)—Australia (S. Australia).
browniana R. Carolin in *Telopea*, 3(4): 498 (1990)—Australia (W. Australia, N. Terr., Queensland).
 subsp. *grandior* R. Carolin in *Telopea*, 3(4): 499 (1990)—Australia (W. Australia).
chrysopogon R. Carolin in *Telopea*, 3(4): 494 (1990)—Australia (W. Australia).
densifolia R. Carolin in *Telopea*, 3(4): 505 (1990)—Australia (W. Australia).
eneabba R. Carolin in *Telopea*, 3(4): 500 (1990)—Australia (W. Australia).
erosa Guillaumin ex I.H. Müller in *Fl. N. Caléd. & Dépend.*, 16: 114 (1990)—New Caledonia.
glabrata R.C. Carolin in *Fl. S. Australia*, 3: 1412 (1986), nom. nov.: S. *ovalifolia* β *glabra* R. Br.
globosa (Carolin) R. Carolin in *Telopea*, 3(4): 504 (1990): *Nigromnia globosa*.
glutinosa R. Carolin in *Telopea*, 3(4): 504 (1990)—Australia (Queensland).
linearis
 subsp. *confertifolia* (J. Black) R. Carolin in *Telopea*, 3(4): 504 (1990): S. *linearis* var. *confertifolia*.
macropyrena I.H. Müller in *Fl. N. Caléd. & Dépend.*, 16: 116 (1990)—New Caledonia.
parvibarbata R.C. Carolin in *Fl. S. Australia*, 3: 1414 (1986)—Australia (N. Terr., Queensland, New South Wales, W. Australia, S. Australia).
parvifolia
 subsp. *acuminata* R. Carolin in *Telopea*, 3(4): 495 (1990)—Australia (W. Australia).
 subsp. *pilbarae* R. Carolin in *Telopea*, 3(4): 494 (1990)—Australia (W. Australia).
pulchella R. Carolin in *Telopea*, 3(4): 496 (1990)—Australia (W. Australia).
revoluta
 subsp. *stenostachya* (W. Fitzg.) R. Carolin in *Telopea*, 3(4): 500 (1990): S. *stenostachya*.
 var. *viscida* R. Carolin in *Telopea*, 3(4): 499 (1990)—Australia (N. Terr., Queensland).
spicigera R. Carolin in *Telopea*, 3(4): 502 (1990)—Australia (W. Australia).

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- tenuifolia* R. Carolin in *Telopea*, 3(4): 492 (1990)—Australia (W. Australia).
virgata R. Carolin in *Telopea*, 3(4): 501 (1990)—Australia (W. Australia).
SCAGEA G. McPherson in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 7(3): 247 (1985 publ. 1986). *EUPHORBIACEAE*.
depauperata (Baillon) G. McPherson in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 7(3): 248 (1985 publ. 1986): *Longetia depauperata*.
oligostemon (Guillaumin) G. McPherson in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 7(3): 248 (1985 publ. 1986): *Baloghia oligostemon*.

SCALESIA (Compos.).

- gordilloi* O. Hamann & S. Wiem-Andersen in *Nordic J. Bot.*, 6(1): 35 (1986)—Galapagos Is.

SCALIGERIA (Umbellif.).

- gongylotaxis* K.H. Rechinger in *Fl. Iran.*, 162: 226 (1987)—Afghanistan.

SCANDIX (Umbellif.).

- nemorosa* (Bieb.) Hornem., *Hort. Hafn., Suppl.*: 34 (1819); cf. D.J. Mabberley in *Taxon*, 33(3): 437 (1984): Basionym not stated.

SCAPHIUM (Sterculiac.).

- velutinum* A.J.G.H. Kostermans in *Reinwardtia*, 10(5): 478 (1988)—Sumatra.

SCAPHOCHLAMYS (Zingiberac.).

- argentea* R.M. Smith in *Notes Roy. Bot. Gard. Edinburgh*, 44(2): 209 (1987)—Borneo (Sarawak).
petiolata (K. Schum.) R.M. Smith in *Notes Roy. Bot. Gard. Edinburgh*, 44(2): 210 (1987): *Haplochorema petiolatum*.
reticosa (Ridley) R.M. Smith in *Notes Roy. Bot. Gard. Edinburgh*, 44(2): 209 (1987): *Gastrochilus reticosus*.

SCAPHOSEPALUM (Orchidac.).

- sect. *Distichium* C.A. Luer, *Ic. Pleurothallid. V (Monogr. Syst. Bot. Missouri Bot. Gard. 26)*: 26 (1988).
 sect. *Leiocaulium* C.A. Luer, *Ic. Pleurothallid. V (Monogr. Syst. Bot. Missouri Bot. Gard. 26)*: 26 (1988).
cimex C.A. Luer & Hirtz in C.A. Luer, *Ic. Pleurothallid. V (Monogr. Syst. Bot. Missouri Bot. Gard. 26)*: 46 (1988)—Ecuador.
fimbriatum C.A. Luer & Hirtz in C.A. Luer, *Ic. Pleurothallid. V (Monogr. Syst. Bot. Missouri Bot. Gard. 26)*: 57 (1988)—Ecuador.
swertiifolium
 subsp. *exiguum* C.A. Luer & Escobar in C.A. Luer, *Ic. Pleurothallid. V (Monogr. Syst. Bot. Missouri Bot. Gard. 26)*: 91 (1988)—Colombia, Ecuador.
triceratops C.A. Luer & Andreetta in C.A. Luer, *Ic. Pleurothallid. V (Monogr. Syst. Bot. Missouri Bot. Gard. 26)*: 96 (1988)—Ecuador.
xystra C.A. Luer, *Ic. Pleurothallid. V (Monogr. Syst. Bot. Missouri Bot. Gard. 26)*: 104 (1988)—Venezuela.

SCAPHYGLOTTIS (Orchidac.).

- arctata* (Dressler) B.R. Adams in *Phytologia*, 64(4): 257 (1988): *Hexisea arctata*.
boliviensis (Rolfe) B.R. Adams in *Phytologia*, 64(4): 257 (1988): *Hexadesmia boliviensis*.
chlorantha B.R. Adams in *Phytologia*, 64(4): 249 (1988)—Panama.
densa (Schltr.) B.R. Adams in *Phytologia*, 64(4): 258 (1988): *Pachystele densa*.
limonensis B.R. Adams in *Phytologia*, 64(4): 250 (1988)—Costa Rica.
panamensis B.R. Adams in *Phytologia*, 64(4): 251 (1988)—Panama.
robusta B.R. Adams in *Phytologia*, 64(4): 253 (1988)—Panama.
sessiliflora B.R. Adams in *Phytologia*, 64(4): 254 (1988)—Costa Rica.
sigmoidea (Ames & C. Schweinf.) B.R. Adams in *Phytologia*, 64(4): 257 (1988): *Hexisea sigmoidea*.
suarezii C.H. Dodson in *Ic. Pl. Trop.*, Ser. 2, 6: t. 579 (1989)—Ecuador.

SCAPHYGLOTTIS :-

- triloba* B.R. Adams in *Phytologia*, 64(4): 256 (1988)—Colombia.

- SCELOCHILOIDES** C.H. Dodson & Chase in *Ic. Pl. Trop.*, Ser. 2, 3: t. 293 (1989). *ORCHIDACEAE*.
vasquezii C.H. Dodson & Chase in *Ic. Pl. Trop.*, Ser. 2, 3: t. 293 (1989)—Bolivia.

SCELOCHILUS (Orchidac.).

- hirtzii* C.H. Dodson in *Ic. Pl. Trop.*, Ser. 2, 6: t. 580 (1989)—Ecuador.
janeae C.H. Dodson & R. Vásquez Ch. in *Ic. Pl. Trop.*, Ser. 2, 3: t. 294 (1989)—Bolivia.
larae C.H. Dodson & R. Vásquez Ch. in *Ic. Pl. Trop.*, Ser. 2, 3: t. 295 (1989)—Bolivia.
limatamboensis C.H. Dodson & R. Vásquez Ch. in *Ic. Pl. Trop.*, Ser. 2, 3: t. 296 (1989)—Bolivia.
rubriflorus K. Senghas in *Orchidee*, 38(3): 120 (1987)—Peru.
sillarensis C.H. Dodson & R. Vásquez Ch. in *Ic. Pl. Trop.*, Ser. 2, 4: t. 372 (1989)—Bolivia.
williamsii C.H. Dodson in *Ic. Pl. Trop.*, Ser. 2, 6: t. 581 (1989)—Ecuador.

SCHANGINIA (Chenopodiace.).

- inderiensis* A. Bunge, *Beitr. Fl. Russl.*: 284 (1852)—U.S.S.R. (Middle Asia).†

SCHAUERIA (Acanthac.).

- parviflora* (Leonard) T.F. Daniel in *Proc. Calif. Acad. Sci.*, Ser. 4, 46(12): 286 (1990), without basionym page: *Streblacanthus parviflorus*.

SCHIFFLERA (Araliac.).

- albicapitata* M.J. & J.F.M. Cannon in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 19: 54 (1989)—Panama.
aquaverensis M.J. & J.F.M. Cannon in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 19: 54 (1989)—Panama.
attenuata (Sw.) D.G. Frodin in *Proc. Acad. Nat. Sci. Philadelphia*, 141: 315 (1989): *Panax attenuatum*.
bifida M.J. & J.F.M. Cannon in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 19: 51 (1989)—Panama.
cabalionii P.P. Lowry in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 11(2): 125 (1989)—Vanuatu.
caduca M.J. & J.F.M. Cannon in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 19: 47 (1989)—Panama.
cartagoensis M.J. & J.F.M. Cannon in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 19: 54 (1989)—Costa Rica.
ciatricata M.J. & J.F.M. Cannon in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 19: 58 (1989)—Panama.
coclensis M.J. & J.F.M. Cannon in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 19: 32 (1989)—Panama.
elegantissima (Veitch ex Masters) P.P. Lowry & D.G. Frodin in *Baileya*, 23(1): 9 (1989): *Aralia elegantissima*.
feriarum D.G. Frodin in *Proc. Acad. Nat. Sci. Philadelphia*, 138(2): 422 (1986)—Philippine Is.
glabrata (Kunth) D.G. Frodin in *Proc. Acad. Nat. Sci. Philadelphia*, 141: 316 (1989): *Panax glabratum*.
heteroclada D.G. Frodin in *Proc. Acad. Nat. Sci. Philadelphia*, 138(2): 416 (1986)—Philippine Is.
instita M.J. & J.F.M. Cannon in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 19: 58 (1989)—Costa Rica.
jefensis M.J. & J.F.M. Cannon in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 19: 43 (1989)—Panama.
kerchoveiana (Veitch ex W. Richards) D.G. Frodin & P.P. Lowry in *Baileya*, 23(1): 9 (1989): *Aralia kerchoveiana*.
latiligulata M.J. & J.F.M. Cannon in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 19: 43 (1989)—Panama.
macphersonii M.J. & J.F.M. Cannon in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 19: 34 (1989)—Panama.
merrittii D.G. Frodin in *Proc. Acad. Nat. Sci. Philadelphia*, 138(2): 418 (1986)—Philippine Is.
minutipetiolata D.G. Frodin in *Proc. Acad. Nat. Sci. Philadelphia*, 138(2): 410 (1986)—Philippine Is.
octostyla M.J. & J.F.M. Cannon in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 19: 38 (1989)—Panama.
panamensis M.J. & J.F.M. Cannon in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 19: 34 (1989)—Panama.
pawoiensis D.G. Frodin in *Proc. Acad. Nat. Sci. Philadelphia*, 138(2): 417 (1986)—Philippine Is.
procumbens (Hemsley) F. Friedmann in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 8(3): 254 (1986): *Geopanax procumbens*.
pubens M.J. & J.F.M. Cannon in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 19: 51 (1989)—Costa Rica.

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- reimiana D.G. Frodin in *Proc. Acad. Nat. Sci. Philadelphia*, 140(2): 337 (1988), nom. nov.: S. aromatica f. scandens Hochreutiner.
 revolutissima M.G. Baumann-Bodenheim, *Syst. Fl. Neu-Caledonien*, 5: 77, 67 (1989), without latin descr. or type—New Caledonia.
 rodriguessiana Frodin ex M.J. & J.F.M. Cannon in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 19: 61 (1989), nom. nov.: Didymopanax pittieri Marchal.
 rodriguessiana D.G. Frodin in *Proc. Acad. Nat. Sci. Philadelphia*, 141: 317 (1989), nom. nov.: Didymopanax pittieri Marchal.
 sapoensis M.J. & J.F.M. Cannon in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 19: 38 (1989)—Panama.
 simplex J.A. Steyermark & Holst in *Ann. Missouri Bot. Gard.*, 75(3): 1082 (1988)—Venezuela.
 urbaniana (Marchal) D.G. Frodin in *Proc. Acad. Nat. Sci. Philadelphia*, 141: 318 (1989): Didymopanax urbanianus.
 vanuatuana P.P. Lowry in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 11(2): 129 (1989)—Vanuatu.
 veitchii (Carrière) D.G. Frodin & P.P. Lowry in *Baileya*, 23(1): 11 (1989): Aralia veitchii.
 whitefoordiae M.J. & J.F.M. Cannon in *Bull. Brit. Mus. (Nat. Hist.) Bot.*, 19: 47 (1989)—Panama.
 yutajensis J.A. Steyermark & Holst in *Ann. Missouri Bot. Gard.*, 75(3): 1082 (1988)—Venezuela.

SCHIEDEA (Caryophyllac.).

- kauaiensis H. St. John in *Phytologia*, 64(3): 177 (1988)—Hawaiian Is.
 obatae H. St. John in *Phytologia*, 64(3): 178 (1988)—Hawaiian Is.
 wichmanii H. St. John in *Phytologia*, 64(3): 178 (1988)—Hawaiian Is.

SCHIEDEELLA (Orchidac.).

- chartacea (L.O. Wms.) P. Burns-Balogh in *Orquidea (México)*, 10(1): 92 (1986): Spiranthes chartacea.
 dendroneura (Sheviak & Bye) P. Burns-Balogh in *Orquidea (México)*, 10(1): 92 (1986): Spiranthes dendroneura.
 diaphana (Lindl.) P. Burns-Balogh & Greenwood in *Orquidea (México)*, 10(1): 93 (1986): Spiranthes diaphana.
 dodii P. Burns-Balogh in *Orchidee*, 40(5): 169 (1989)—Hispaniola (Dominican Republic).
 durangensis (A. & S.) P. Burns-Balogh in *Orquidea (México)*, 10(1): 93 (1986): Spiranthes durangensis.
 fauci-sanguinea (Dod) P. Burns-Balogh in *Orchidee*, 40(5): 171 (1989), without basionym date: Spiranthes fauci-sanguinea.
 nonantzin (Glz. Tamayo ex McVaugh) González Tamayo ex M.A. Soto Arenas in *Orquidea (México)*, 11: 271 (1988): Spiranthes nonantzin.
 schlechteriana D.L. Szlachetko & C.J. Sheviak in *Rhodora*, 92(869): 11 (1990)—Guatemala.
 valerioi (Ames & Schweinf.) D.L. Szlachetko & C.J. Sheviak in *Rhodora*, 92(869): 16 (1990): Spiranthes valerioi.

SCHIMA (Theac.).

- dulungensis H.T. Chang & C.S. Ye in *Acta Sci. Nat. Univ. Sunyatseni*, 29(2): 93 (1990)—China.
 kwangtungensis H.T. Chang in *Acta Sci. Nat. Univ. Sunyatseni*, 29(2): 92 (1990)—China.
 polyneura H.T. Chang in *Acta Sci. Nat. Univ. Sunyatseni*, 29(2): 92 (1990)—China.

SCHINZIOPHYTON Hutch. ex A. Radcliffe-Smith in *Kew Bull.*, 45(1): 157 (1990). **EUPHORBACEAE**.

- rautanenii (Schinz) A. Radcliffe-Smith in *Kew Bull.*, 45(1): 157 (1990): Ricinodendron rautanenii.

SCHISANDRA (Schisandrac.).

- flaccidiramosa C.R. Sun in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(1): 123 (1988)—China.

SCHISMATOGLOTTIS (Arac.).

- roseospatha J. Bogner in *Aqua Planta*, 1988(3): 96 (1988)—Borneo (Sarawak).

SCHISTOCARPHA (Compos.).

- longiligula
 var. seleri (Rydb.) B.L. Turner in *Phytologia*, 59(4): 280 (1986): S. seleri.

SCHISTOSTEMON (Humiriac.).

- fernandezii J. Cuatrecasas in *Phytologia*, 68(4): 261 (1990)—Venezuela.
 sylvicum D. Sabatier in *Proc. Kon. Nederl. Akad. Wetensch., C*, 90(2): 206 (1987)—French Guiana.

SCHIZACHYRIUM (Gramin.).

- beckii T.J. Killen in *Ann. Missouri Bot. Gard.*, 77(1): 184 (1990)—Bolivia.
 mitchelliana B.K. Simon in *Austrobaileya*, 3(1): 90 (1989)—Australia (W. Australia).
 praematurum (Fern.) C.F. Reed in *Phytologia*, 67(6): 451 (1989): Andropogon praematurus.
 f. hirtivaginatatum (Fern.) C.F. Reed in *Phytologia*, 67(6): 451 (1989): Andropogon praematurus f. hirtivaginatatum.
 scoparium
 f. calvescens (Fern.) C.F. Reed in *Phytologia*, 67(6): 451 (1989): Andropogon scoparius f. calvescens.
 var. polycladum (Scribn. & Ball) C.F. Reed in *Phytologia*, 63(5): 410 (1987): Andropogon scoparius var. polycladum.
 f. villosissimum (Kearney) C.F. Reed in *Phytologia*, 67(6): 451 (1989): Andropogon scoparius f. villosissimum.
 villosum (Poir.) J.F. Veldkamp in *Blumea*, 31(2): 306 (1986): Rottboellia villosa.

SCHIZOGLOSSUM (Asclepiadac.).

- amatolicum O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 182 (1988 publ. 1989)—South Africa (Cape Province).
 rubiginosum O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(2): 182 (1988 publ. 1989)—South Africa (Natal).

SCHIZOPETALON (Crucif.).

- arcuatum I.A. Al-Shehbaz in *Harvard Pap. Bot.*, 1: 34 (1989)—Chile.
 brachycarpum I.A. Al-Shehbaz in *Harvard Pap. Bot.*, 1: 38 (1989)—Chile.
 corymbosum I.A. Al-Shehbaz in *Harvard Pap. Bot.*, 1: 41 (1989)—Chile.
 maipoanum P. Ravenna in *Omira, Bot. Leaflet*, 1(4): 32 (1988), as 'Schizopetalon'—Chile.

SCHIZOPHRAGMA (Hydrangeac.).

- hydrangeoides
 f. mollis (Honda) Hara ex H. Ohba in *J. Jap. Bot.*, 64(11): 325 (1989): S. hydrangeoides var. mollis.

SCHIZOSTACHYUM (Gramin.).

- annulatum C.J. Hsueh & W.P. Zhang in *J. Bamboo Res.*, 5(1): 77 (1986)—China.

SCHIZOSTIGMA G.A.W. Arnott in *Madras J. Lit. Sci.*, 12: 50 (1840). **CUCURBITACEAE**.**SCHLIMMIA** (Orchidac.).

- condorana C.H. Dodson in *Jc. Pl. Trop.*, Ser. 2, 6: t. 582 (1989), as 'Schlimia'—Ecuador.
 jennyana E. Lückel in *Orchidee*, 41(2): 68 (1990), as 'Schlimia'—Peru.

SCHOBERIA (Chenopodiac.).

- linearis (Moq.) A. Bunge, *Beitr. Fl. Russl.*: 289 (1852): Chenopodina linearis.†
 obtusifolia A. Bunge, *Beitr. Fl. Russl.*: 290 (1852)—U.S.S.R. (Middle Asia).†
 tortuosa Moq. ex A. Bunge, *Beitr. Fl. Russl.*: 288 (1852)—Locality not stated.†
 transoxana A. Bunge, *Beitr. Fl. Russl.*: 291 (1852)—U.S.S.R. (Middle Asia).†
 vera (Moq.) A. Bunge, *Beitr. Fl. Russl.*: 289 (1852): Chenopodina vera.†

SCHOENOBIBLUS (Thymelaeac.).

- amazonicus J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 654 (1987)—Venezuela.
 crassisejala K. Barringer & L.I. Neuling in *Brittonia*, 39(4): 428 (1987)—Venezuela.
 suffruticosa K. Barringer & L.I. Neuling in *Brittonia*, 39(4): 429 (1987)—Venezuela.

SCHOENOCAULON (Melanthiac.).

- jaliscense
 var. regulare (Brinker) D. Frame in *R. McVaugh, Fl. Novo-Galiciana*, 15: 266 (1989): S. regulare.

SCHOENOCAULON :-

- lauricola McVaugh ex D. Frame in *R. McVaugh, Fl. Novo-Galiciana*, 15: 267 (1989)—Mexico.
 pellucidum D. Frame in *R. McVaugh, Fl. Novo-Galiciana*, 15: 272 (1989)—Mexico.
 tigrisense D. Frame in *R. McVaugh, Fl. Novo-Galiciana*, 15: 274 (1989)—Mexico.

SCHOENOCEPHALIUM (Rapateac.).

- sipapoumum B. Maguire in *Acta Bot. Venezuel.*, 14(3): 17 (1984)—Venezuela.

SCHOENOIDES O. Seberg in *Willdenowia*, 16(1): 181 (1986). **CYPERACEAE**.

- oligocephalus (W.M. Curtis) O. Seberg in *Willdenowia*, 16(1): 182 (1986): Oreobolus oligocephalus.

SCHOENOPLECTUS (Cyperac.).

- ×kuekenalianus (Junge) D.H. Kent in *Watsonia*, 18(2): 213 (1990): Scirpus ×kuekenalianus.
 lacustris
 subsp. validus (Vahl) T. Koyama in *Bishop Mus. Occas. Pap.*, 29: 128 (1989): Scirpus validus.

SCHOENORCHIS (Orchidac.).

- eberhardtii (Finet) L.V. Aver'yanov in *Bot. Zhurn.*, 73(1): 107 (1988): Saccolabium eberhardtii.
 endertii (J.J. Smith) E.A. Christenson & J.J. Wood in *Lindleyana*, 5(2): 101 (1990): Robiqueta endertii.

SCHOENOXIPHIMUM (Cyperac.).

- altum I. Kukkonen in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 365 (1986)—South Africa (Cape Province).
 bracteosum I. Kukkonen in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 365 (1986)—South Africa (Cape Province, Natal), Lesotho.
 burtii I. Kukkonen in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 365 (1986)—South Africa (Natal).
 molle I. Kukkonen in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 366 (1986)—South Africa (Natal).
 strictum I. Kukkonen in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 366 (1986)—South Africa (Natal).

SCHOEFFIA (Olacac.).

- clarkii J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 75(3): 1061 (1988)—Venezuela.
 paradoxa (Bisse & Berazain) R. Berazain Iturralde in *Rev. Jard. Bot. Nacion. Univ. Habana*, 6(2): 10 (1985 publ. 1986), without exact basionym page: Pseudogonocalyx paradoxa.

SCHRADERA (Rubiace.).

- marahuacensis J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(1): 114 (1987)—Venezuela.

SCHRANKIA (Legumin.).

- jaliscensis (Macbr.) R. McVaugh, *Fl. Novo-Galiciana*, 5: 247 (1987): S. quadrivalvis var. jaliscensis.
 microphylla
 var. floridana (Chapman) D. Isely in *Castanea*, 51(3): 204 (1986): S. floridana.
 nuttallii
 var. hystricina (Small ex Britt. & Rose) D. Isely in *Castanea*, 51(3): 205 (1986): Leptoglottis hystricina.

SCHULZIA (Umbellif.).

- prostrata M.G. Pimenov & E.V. Klyuikov in *Bot. Zhurn.*, 75(1): 94 (1990)—U.S.S.R. (Middle Asia).

SCHWARTZIA (Marcgraviac.).

- spiciflora (A.L. Juss.) H.G. Bedell in *R.A. Howard, Fl. Lesser Antilles (Dicot. 2)*, 5: 309 (1989): Marcgravia spiciflora.

SCHWENCKIA (Solanac.).

- huberi C.E. Benítez de Rojas in *Ann. Missouri Bot. Gard.*, 77(2): 412 (1990)—Venezuela.
 trujilloi C.E. Benítez de Rojas in *Ann. Missouri Bot. Gard.*, 77(2): 415 (1990)—Venezuela.

SCILLA (Hyacinthac.).

- bueckensis F. Speta in *Naturk. Jahrb. Linz*, 22: 42 (1976)—Hungary, Czechoslovakia.

SCILLA :-

- clusiana *Endl., Cat. Horti Vindob.*, 1: 129 (1842); *cf. D.J. Mabberley in Taxon*, 33(3): 436 (1984)—Locality not stated.
- dimartinoi *S. Brullo & P. Pavone in Candollea*, 42(2): 614 (1987)—Italy (Lampedusa Is.).
- drunensis (*Speta*) *F. Speta in Naturk. Jahrb. Linz*, 22: 34 (1976); *S. bifolia* subsp. *drunensis*.
lus. albescens *Z. Kereszty in Bot. Közlem.*, 74-75(1-2): 69 (1987-88 publ. 1988)—Hungary.
lus. albida *Z. Kereszty in Bot. Közlem.*, 74-75(1-2): 69 (1987-88 publ. 1988)—Hungary.
subsp. *buekkensis* (*Speta*) *Z. Kereszty in Bot. Közlem.*, 74-75(1-2): 69 (1987-88 publ. 1988), without basionym ref.: *S. buekkensis*.
- japonica *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14: 329* (1784)—Japan.†
- scilloides
var. *mounsei* (*Lévl.*) *D.R. McKean in Notes Roy. Bot. Gard. Edinburgh*, 44(1): 195 (1986); *S. chinensis* var. *mounsei*.
- siberica *A.H. Haworth in H. Andrews, Botanist's Repository*, 6: t. 365 (1804)—Siberia.†
- spetana *Z. Kereszty in Symb. Bot. Upsal.*, 27(2): 111 (1986 publ. 1987); *et in Bot. Közlem.*, 74-75(1-2): 69 (1987-88 publ. 1988)—Hungary.
- vindobonensis
lus. alba (*Beck*) *Z. Kereszty in Bot. Közlem.*, 74-75(1-2): 67 (1987-88 publ. 1988); *S. bifolia* *alba*.
lus. albicans *Z. Kereszty in Bot. Közlem.*, 74-75(1-2): 68 (1987-88 publ. 1988)—Hungary.
subsp. *borhidiana* *Z. Kereszty in Symb. Bot. Upsal.*, 27(2): 111 (1986 publ. 1987); *et in Bot. Közlem.*, 74-75(1-2): 68 (1987-88 publ. 1988)—Hungary.
lus. rosacea *Z. Kereszty in Bot. Közlem.*, 74-75(1-2): 67 (1987-88 publ. 1988), homonym see p. 68 & ICBN(1988) Arts. 24.5(Note 1) & 64.5—Hungary.
lus. rosacea *Z. Kereszty in Bot. Közlem.*, 74-75(1-2): 68 (1987-88 publ. 1988), homonym see p. 67 & ICBN(1988) Arts. 24.5(Note 1) & 64.5—Hungary.
lus. rubra (*Beck*) *Z. Kereszty in Bot. Közlem.*, 74-75(1-2): 67 (1987-88 publ. 1988); *S. bifolia* *rubra*.
var. *transdanubialis* *Z. Kereszty in Symb. Bot. Upsal.*, 27(2): 111 (1986 publ. 1987); *et in Bot. Közlem.*, 74-75(1-2): 68 (1987-88 publ. 1988)—Hungary.

SCIRPOIDES (Cyperac.).

- holoschoenus
subsp. *panormitanus* (*Parlat.*) *J. Soják in Čas. Nár. Muz. (Prague)*, 152(1): 21 (1983); *Scirpus panormitanus*.

SCIRPUS (Cyperac.).

- microcarpus
f. radiosus (*Fern.*) *C.F. Reed in Phytologia*, 67(6): 453 (1989); *S. rubiointectus* *f. radiosus*.
oligosetus *A.E. Kozhevnikov in Bot. Zhurn.*, 72(9): 1255 (1987)—U.S.S.R. (Soviet Far East), ?China.
- pendulus
f. elongatus (*Eames*) *C.F. Reed in Phytologia*, 67(6): 453 (1989); *S. lineatus* *f. elongatus*.
rongchengensis *F.Z. Li in Acta Phytotax. Sin.*, 25(1): 71 (1987)—China.
- sylvaticus
subsp. *maximowiczii* (*Rgl.*) *N.R. Cui in Claves Pl. Xinjiang.*, 1: 293 (1982); *S. sylvaticus* var. *maximowiczii*.

SCLAREA (Labiata).

- amplexicaulis (*Lam.*) *J. Soják in Čas. Nár. Muz. (Prague)*, 152(1): 21 (1983); *Salvia amplexicaulis*.
austriaca (*Jacq.*) *J. Soják in Čas. Nár. Muz. (Prague)*, 152(1): 21 (1983); *Salvia austriaca*.
bicolor (*Lam.*) *J. Soják in Čas. Nár. Muz. (Prague)*, 152(1): 21 (1983); *Salvia bicolor*.
candidissima (*Vahl*) *J. Soják in Čas. Nár. Muz. (Prague)*, 152(1): 21 (1983); *Salvia candidissima*.
dumetorum (*Andrzejowski ex Besser*) *J. Soják in Čas. Nár. Muz. (Prague)*, 152(1): 22 (1983); *Salvia dumetorum*.
nutans (*L.*) *J. Soják in Čas. Nár. Muz. (Prague)*, 152(1): 22 (1983); *Salvia nutans*.

SCLAREA :-

- rhodantha (*Zef.*) *J. Soják in Čas. Nár. Muz. (Prague)*, 152(1): 22 (1983); *Salvia rhodantha*.
sibthorpii (*Smith*) *J. Soják in Čas. Nár. Muz. (Prague)*, 152(1): 22 (1983); *Salvia sibthorpii*.
sonclarii (*Pant.*) *J. Soják in Čas. Nár. Muz. (Prague)*, 152(1): 22 (1983); *Salvia sonclarii*.
transilvanica (*Schur*) *J. Soják in Čas. Nár. Muz. (Prague)*, 152(1): 22 (1983); *Salvia transilvanica*.
verbenacea (*L.*) *J. Soják in Čas. Nár. Muz. (Prague)*, 152(1): 22 (1983); *Salvia verbenacea*.
virgata (*Jacq.*) *J. Soják in Čas. Nár. Muz. (Prague)*, 152(1): 22 (1983); *Salvia virgata*.
viridis (*L.*) *J. Soják in Čas. Nár. Muz. (Prague)*, 152(1): 22 (1983); *Salvia viridis*.

SCLERIA (Cyperac.).

- cerradicola *T. Koyama in Acta Amazonica*, 14(1-2 Suppl.): 112 (1984 publ. 1986)—Brazil, Venezuela, Guyana.
- ciliata
var. *curtissii* (*Britton*) *J.W. Kessler in Sida*, 12(2): 398 (1987); *S. curtissii*.
- dulungensis *P.C. Li in Acta Bot. Yunnanica*, 12(1): 12 (1990)—China.
- latifolia
subsp. *foliosa* (*Nees*) *T. Koyama in Acta Amazonica*, 14(1-2 Suppl.): 108 (1984 publ. 1986); *Schizolepis foliosa*.
- mitis
subsp. *eggersiana* (*Boeckeler*) *T. Koyama in Acta Amazonica*, 14(1-2 Suppl.): 112 (1984 publ. 1986); *S. eggersiana*.
- orchardii *C.D. Adams in Phytologia*, 63(4): 299 (1987)—Trinidad.

SCLEROCACTUS (Cactac.).

- erectocentrus (*J. Coulter*) *N.P. Taylor in Bradleya*, 5: 94 (1987); *Echinocactus erectocentrus*.
intertextus (*Engelmann*) *N.P. Taylor in Bradleya*, 5: 94 (1987); *Echinocactus intertextus*.
var. *dasyacanthus* (*Engelmann*) *N.P. Taylor in Bradleya*, 5: 94 (1987); *Echinocactus intertextus* var. *dasyacanthus*.
johnsonii (*Engelmann*) *N.P. Taylor in Bradleya*, 5: 94 (1987); *Echinocactus johnsonii*.
mariposensis (*Hester*) *N.P. Taylor in Bradleya*, 5: 94 (1987); *Echinocactus mariposensis*.
papyracanthus (*Engelmann*) *N.P. Taylor in Bradleya*, 5: 94 (1987); *Mammillaria papyracantha*.
pubispinus
var. *spiniosior* (*Engelm.*) *S.L. Welsh in Great Basin Nat.*, 44(1): 67 (1984); *Echinocactus whipplei* var. *spiniosior*.
scheeri (*Salm-Dyck*) *N.P. Taylor in Bradleya*, 5: 94 (1987); *Echinocactus scheeri*.
schlesseri *K. Heil & S.L. Welsh in Great Basin Nat.*, 46(4): 677 (1986)—U.S.A. (Nevada).
- spiniosior
var. *blainei* (*Welsh & Thorne*) *R. May in Cact. Succ. J. (U.S.A.)*, 60(1): 35, 45 (1988); *S. blainei*.
var. *schleseri* (*Heil & Welsh*) *R. May in Cact. Succ. J. (U.S.A.)*, 60(1): 35, 45 (1988); *S. schlesseri*.
- uncinatus (*Galeotti*) *N.P. Taylor in Bradleya*, 5: 94 (1987); *Echinocactus uncinatus*.
var. *crassihamatus* (*F.A.C. Weber*) *N.P. Taylor in Bradleya*, 5: 94 (1987); *Echinocactus crassihamatus*.
var. *wrightii* (*Engelmann*) *N.P. Taylor in Bradleya*, 5: 94 (1987); *Echinocactus uncinatus* var. *wrightii*.
unguispinus (*Engelmann*) *N.P. Taylor in Bradleya*, 5: 94 (1987); *Echinocactus unguispinus*.
var. *durangensis* (*Runge*) *N.P. Taylor in Bradleya*, 5: 94 (1987); *Echinocactus durangensis*.
warnockii (*L. Benson*) *N.P. Taylor in Bradleya*, 5: 94 (1987); *Neolloydia warnockii*.
wetlandicus *F. Hochstätter in Succulentia*, 68(6): 123, 125 (1989)—U.S.A. (Utah).
- whipplei
var. *glaucus* (*K. Schum.*) *S.L. Welsh in Great Basin Nat.*, 44(1): 68 (1984); *Echinocactus glaucus*.

SCLEROCARPUS (Compos.).

- uniserialis
var. *austrotrexanus* *B.L. Turner in Phytologia*, 64(5): 341 (1988)—U.S.A. (Texas).

SCLEROCARYOPSIS (Boraginac.).

- ceratophora (*Popov*) *F. Sadat in Mitt. Bot. Staatssamm. München*, 28: 22 (1989); *Echinopspermum ceratophorum*.

SCLEROCHLOA (Gramin.).

- triticum *J. Woods, Tourist's Fl.*: 411 (1850)—Locality not stated.

SCLEROLAENA (Chenopodiace.).

- brachyptera (*F. Muell.*) *S.W.L. Jacobs in Telopea*, 3(2): 143 (1988); *Sclerochlamys brachyptera*.
fontinalis *P.G. Wilson in Fl. S. Australia*, 1: 302 (1986)—Australia (S. Australia).
stelligera (*F. Muell.*) *S.W.L. Jacobs in Telopea*, 3(2): 143 (1988); *Maireana stelligera*.

SCLERONEMA (Bombacac.).

- neblinense *J.A. Steyermark in Ann. Missouri Bot. Gard.*, 74(3): 645 (1987)—Brazil, Venezuela.

SCLERORHACHIS (Compos.).

- kjurenadagi (*Kurbanov*) *S.S. Kovalevskaya in Novosti Sist. Vyssh. Rast.*, 24: 169 (1987); *Tanacetopsis kjurenadagi*.
paropamisica (*Krasch.*) *S.S. Kovalevskaya in Novosti Sist. Vyssh. Rast.*, 24: 168 (1987); *Pyrethrum paropamisica*.
platyrachis (*Boiss.*) *Podlech ex K.H. Rechinger in Fl. Iran.*, 158: 47 (1986); *Pyrethrum platyrachis*.

SCORDIUM (Labiata).

- procumbens *Lag., Elenchus*: 14 (1816); *cf. D.J. Mabberley in Taxon*, 31(1): 72 (1982)—Locality not stated.

SCORZONERA (Compos.).

- subgen. *Lasiospora* (*Cass.*) *N.N. Tsvetlev in Novosti Sist. Vyssh. Rast.*, 25: 190 (1988); *et in Fl. Evropejskoj Chasti SSSR*, 8: 45 (1989); gen. *Lasiospora*.
subgen. *Piptopogon* (*C.A. Meyer ex Turcz.*) *C. Diaz de la Guardia & G. Blanca in An. Jard. Bot. Madrid*, 43(2): 330 (1986 publ. 1987); *S. sect. Piptopogon*.
acrolasia *A. Bunge, Beitr. Fl. Russl.*: 202 (1852)—U.S.S.R. (Middle Asia).†
- albicans
f. longifolia *A.M. Negrillo Galindo in Stud. Bot. (Salamanca)*, 5: 115 (1986)—Spain.
ammophila *A. Bunge, Beitr. Fl. Russl.*: 202 (1852)—U.S.S.R. (Middle Asia).†
- angustifolia
var. *minor* (*Willk.*) *C. Diaz de la Guardia & G. Blanca in An. Jard. Bot. Madrid*, 43(2): 338 (1986 publ. 1987); *S. graminifolia* var. *minor*.
- baetica
subsp. *ebusitana* *O. de Bolòs & J. Vigo in Fontqueria*, 14: 9 (1987)—Balearic Is.
- cenopleura *A. Bunge, Beitr. Fl. Russl.*: 202 (1852)—U.S.S.R. (Middle Asia).†
- czerepanovii *R.V. Kamelin in Bot. Zhurn.*, 71(12): 1680 (1986), nom. nov., without replaced synonym ref.: *S. lanata* (*L.*) *Hoffm.*
- divaricata
var. *tatewakii* *S. Kitamura in Acta Phytotax. Geobot.*, 40(5-6): 143 (1989)—China.
- ensifolia
var. *macrophylla* (*Fisch. & Mey.*) *N.N. Tsvetlev in Fl. Evropejskoj Chasti SSSR*, 8: 46 (1989); *S. macrophylla*.
gorovanica *E.A. Nazarova in Bot. Zhurn.*, 73(3): 433 (1988)—U.S.S.R. (Caucasus).
- hemilasia *A. Bunge, Beitr. Fl. Russl.*: 201 (1852)—U.S.S.R. (Middle Asia).†
- intermedia *A. Bunge, Beitr. Fl. Russl.*: 201 (1852)—U.S.S.R. (Middle Asia).†
- laciniata
f. decumbens (*Guss.*) *O. de Bolòs & J. Vigo in Folia Bot. Misc.*, 6: 85 (1989); *S. calcitrapifolia* b. *decumbens*.
f. latifolia (*Gren. & Godr.*) *O. de Bolòs & J. Vigo in Folia Bot. Misc.*, 6: 85 (1989); *Podospermum laciniatum* var. *latifolia*.
var. *subulata* (*DC.*) *C. Diaz de la Guardia & G. Blanca in An. Jard. Bot. Madrid*, 43(2): 349 (1986 publ. 1987); *Podospermum subulatum*.
f. subulata (*Lam.*) *O. de Bolòs & J. Vigo in Folia Bot. Misc.*, 6: 85 (1989); *S. subulata*.

SCORZONERA :-

- mollis
var. subacaulis *N.N. Tselev* in *Fl. Evropeiskoi Chasti SSSR*, 8: 45 (1989)—U.S.S.R. (Crimea).
pamirica *C. Shih* in *Acta Phytotax. Sin.*, 25(1): 48 (1987)—Xinjiang.
sandrastica *P. Hartvig* & *A. Strid* in *Bot. Jahrb.*, 108(2-3): 311 (1987)—Turkey.

SCROPHULARIA (Scrophulariac.).

- bahorucana *T.A. Zanoni* in *Moscovia*, 5: 108 (1989)—Hispaniola (Dominican Republic).
jafrii *S. Khatoon* & *M. Qaiser* in *Willdenowia*, 17(1-2): 136 (1988)—Pakistan.
leucoclada *A. Bunge*, *Beitr. Fl. Russl.*: 248 (1852)—U.S.S.R. (Middle Asia).†
omeri *S. Khatoon* & *M. Qaiser* in *Willdenowia*, 17(1-2): 131 (1988)—Pakistan.
rodinii *Hamidullah* in *Pakistan J. Bot.*, 19(1): 107 (1987)—Pakistan.
scabiosaefolia
subsp. stewartii (*Pennell*) *M. Qaiser* & *S. Khatoon* in *Willdenowia*, 17(1-2): 140 (1988): *S. stewartii*.
strizhoviea *L.N. Abdusalyamova* in *Fl. Tadzhikskoi SSR*, 8: 485, 356 (1986)—U.S.S.R. (Middle Asia).
umbrosa
subsp. robusta (*Pennell*) *M. Qaiser* & *S. Khatoon* in *Willdenowia*, 17(1-2): 137 (1988): *S. robusta*.

SCROTOCHLOA (Gramin.).

- taraensis (*P. Jansen*) *E.J. Judziewicz* in *Phytologia*, 56(4): 300 (1984): *Leptaspis taraensis*.

SCURRULA (Loranthac.).

- sect. *Cichlanthus* (*Van Tiegh.*) *H.S. Kiu* in *Fl. Reipubl. Popul. Sin.*, 24: 111 (1988): gen. *Cichlanthus*.
chingii (*Cheng*) *H.S. Kiu* in *Fl. Yunnanica*, 3: 363 (1983): *Loranthus chingii*.
var. yunnanensis *H.S. Kiu* in *Fl. Yunnanica*, 3: 364 (1983)—China.
parasitica
var. graciliflora (*Wall. ex DC.*) *H.S. Kiu* in *Fl. Yunnanica*, 3: 363 (1983): *Loranthus graciliflorus*.
pseudochinensis (*Yamamoto*) *Y.C. Liu* & *K.L. Chen* in *Quart. J. Chinese Forest.*, 21(2): 14 (1988): *Loranthus pseudochinensis*.

SCUTELLARIA (Labiata.).

- sect. *Anaspis* (*Rech. f.*) *A. Paton* in *Notes Roy. Bot. Gard. Edinburgh*, 46(3): 346 (1990): gen. *Anaspis*.
subsect. *Cystaspis* (*Juz.*) *A. Paton* in *Notes Roy. Bot. Gard. Edinburgh*, 46(3): 347 (1990): *S. sect. Cystaspis*.
subsect. *Lupulinaria* (*A. Hamilton*) *A. Paton* in *Notes Roy. Bot. Gard. Edinburgh*, 46(3): 347, 346 (1990): *S. sect. Lupulinaria*.
sect. *Salazaria* (*Torrey*) *A. Paton* in *Notes Roy. Bot. Gard. Edinburgh*, 46(3): 346 (1990): gen. *Salazaria*.
albida
subsp. velenovskiyi (*Rech. f.*) *W. Greuter* & *H.M. Burdet* in *W. Greuter, H.M. Burdet* & *G. Long* (eds.), *Med-checklist*, 3: 342 (1986): *S. velenovskiyi*.
angustifolia
subsp. micrantha *R.G. Olmstead* in *Contrib. Univ. Mich. Herb.*, 17: 240 (1990)—U.S.A. (Nevada, Oregon, Idaho, Utah).
carmenensis *J. Henrickson* in *Aliso*, 12(3): 521 (1989 publ. 1990)—Mexico.
chodshakiasiani *R. Kam. ex T.F. Kochkareva* in *Fl. Tadzhikskoi SSR*, 8: 482, 85 (1986)—U.S.S.R. (Middle Asia).
grandiflora
subsp. gymnosperma *R.V. Kamelin* & *I.A. Gubanov* in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 94(5): 110 (1989)—Mongolia.
haesitabunda *Juz. ex T.F. Kochkareva* in *Fl. Tadzhikskoi SSR*, 8: 482, 74 (1986)—U.S.S.R. (Middle Asia).
hintoniorum *J. Henrickson* in *Aliso*, 12(3): 517 (1989 publ. 1990)—Mexico.
hyssopifolia
var. hispida (*Benth.*) *J.L. Reveal* in *Bot. J. Linn. Soc.*, 92(2): 175 (1986): *S. integrifolia* var. *hispida*.

SCUTELLARIA :-

- kiusiana
var. kuromidakensis *T. Yahara* in *J. Fac. Sci. Univ. Tokyo, Bot.*, 14(2): 108 (1987)—Japan.
lutilabia *T.M. Lane* & *G.L. Nesom* in *Madroño*, 35(2): 112 (1988)—Mexico.
mexicana (*Torrey*) *A. Paton* in *Notes Roy. Bot. Gard. Edinburgh*, 46(3): 346 (1990): *Salazaria mexicana*.
molanguitensis *P. Hiriart Valencia* in *Bol. Soc. Bot. Méx.*, 46: 43 (1984 publ. 1986)—Mexico.
orbicularis *A. Bunge*, *Beitr. Fl. Russl.*: 260 (1852)—U.S.S.R. (Middle Asia).†
orientalis
subsp. tortumensis *Kit Tan* & *F. Sorger* in *Pl. Syst. Evol.*, 155(1-4): 98 (1987)—Turkey.
rubropunctata
var. yakusimensis (*Masamune*) *T. Yahara* in *J. Fac. Sci. Univ. Tokyo, Bot.*, 14(2): 108 (1987): *S. indica* var. *yakusimensis*.
rupestris
subsp. caroli-henrici *R. von Bothmer* in *Pl. Syst. Evol.*, 155(1-4): 242 (1987)—Greece.
subsp. olympica *R. von Bothmer* in *Pl. Syst. Evol.*, 155(1-4): 245 (1987)—Greece.
subsp. rechingeri *R. von Bothmer* in *Pl. Syst. Evol.*, 155(1-4): 246 (1987)—Greece.
sapphirina (*Barnaby*) *R.G. Olmstead* in *Contrib. Univ. Mich. Herb.*, 17: 256 (1990): *S. nana* var. *sapphirina*.
wendtii *J. Henrickson* in *Aliso*, 12(3): 519 (1989 publ. 1990)—Mexico.
zapirjagevii *T.F. Kochkareva* & *E.P. Zhogoleva* in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 1(102): 15 (1986)—U.S.S.R. (Middle Asia).

SCUTIA (Rhamnac.).

- circumscissa (*L.f.*) *W. Theobald* in *F. Mason, Burmah*, ed. 3, 2: 570 (1883); cf. *D.J. Mabberley* in *Taxon*, 34(1): 155 (1985): *Rhamnus circumscissus*.

SEBAEA (Gentianac.).

- condensata *J. Klackenberg* in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 9(2): 133 (1987)—Madagascar.
madagascariensis *J. Klackenberg* in *Taxon*, 35(3): 595 (1986), nom. nov.: *Belmontia stricta* *Schinz.*

SEBASTIANIA (Euphorbiac.).

- commersoniana (*Baillon*) *L.B. Smith* & *R.J. Downs* in *Fl. Illustr. Catar.*, 1(Euforbiac.): 308 (1988): *Stillingia commersoniana*.
nummularifolia *I. Cordeiro* in *Bol. Bot. (São Paulo)*, 11: 77 (1989)—Brazil.
panamensis *G.L. Webster* in *Ann. Missouri Bot. Gard.*, 75(3): 1128 (1988)—Panama.

SECALE (Gramin.).

- cereale
subsp. afghanicum (*Vav.*) *K. Hammer* in *Kulturpflanze*, 35: 146 (1987): *S. cereale* var. *afghanicum*.
strictum
subsp. africanum (*Stapf*) *K. Hammer* in *Kulturpflanze*, 35: 142 (1987): *S. africanum*.
subsp. anatolicum (*Boiss.*) *K. Hammer* in *Kulturpflanze*, 35: 140 (1987): *S. anatolicum*.
subsp. ciliatoglume (*Boiss.*) *K. Hammer* in *Kulturpflanze*, 35: 140 (1987): *S. montanum* var. *ciliatoglume*.
subsp. kuprijanovii (*Grossh.*) *K. Hammer* in *Kulturpflanze*, 35: 140 (1987): *S. kuprijanovii*.

SECAMONE (Asclepiadac.).

- andamanica *A.K. Goel* & *M.K. Vasudeva Rao* in *J. Bombay Nat. Hist. Soc.*, 85(1): 161 (1988)—Andaman Is.

SECURIDACA (Polygalac.).

- inappendiculata
subsp. corymbosa (*Turcz.*) *R. van der Meijden* in *Fl. Males.*, 10(3): 484 (1988): *S. corymbosa*.

SECURIGERA (Legumin.).

- carinata *P. Lassen* in *Willdenowia*, 19(1): 62 (1989)—Rhodes, Turkey.
cretica (*L.*) *P. Lassen* in *Willdenowia*, 19(1): 60 (1989): *Coronilla cretica*.

SECURIGERA :-

- elegans (*Pančić*) *P. Lassen* in *Willdenowia*, 19(1): 60 (1989): *Coronilla elegans*.
globosa (*Lam.*) *P. Lassen* in *Willdenowia*, 19(1): 60 (1989): *Coronilla globosa*.
grandiflora *P. Lassen* in *Willdenowia*, 19(1): 60 (1989), nom. nov.: *Coronilla grandiflora* *Boiss.*
libanotica (*Boiss.*) *P. Lassen* in *Willdenowia*, 19(1): 60 (1989): *Coronilla libanotica*.
orientalis (*Mill.*) *P. Lassen* in *Willdenowia*, 19(1): 60 (1989): *Coronilla orientalis*.
parviflora (*Desv.*) *P. Lassen* in *Willdenowia*, 19(1): 60 (1989): *Arctolobium parviflorum*.
somalensis (*Thulin*) *P. Lassen* in *Willdenowia*, 19(1): 60 (1989): *Coronilla somalensis*.
varia (*L.*) *P. Lassen* in *Svensk Bot. Tidskr.*, 83(2): 86 (1989): *Coronilla varia*.

SECURINEGA (Euphorbiac.).

- multiflora *S.B. Liang* in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 89 (1988)—China.

SEDUM (Crassulac.).

- subgen. *Chuhsingianum* *K.T. Fu* in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 67 (1987).
abyssinicum (*A. Rich.*) *R. Hamet* in *Bull. Soc. Bot. France*, 59: 139 (1912): *Sempervivum abyssinicum*.†
anhuiense *S.H. Fu* & *X.W. Wang* in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(4): 137 (1986)—China.
campanulatum (*Willk.*) *F. Fernández* & *P. Cantó* in *Lazarus*, 6: 187 (1984 publ. 1985): *S. villosum* var. ? *campanulatum*.
celatum
f. calcaratum *K.T. Fu* in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 69 (1987)—China.
chuhsingense *K.T. Fu* in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 68 (1987)—China.
creticum
var. hierapetrae (*Rech. f.*) *H.t. Hart* & *I. Hagemann* in *A. Strid* (ed.), *Mount. Fl. Greece*, 1: 353 (1986): *S. hierapetrae*.
var. monocarpicum *H. t Hart* in *Taxon*, 38(4): 650 (1989), nom. nov.: *S. creticum* *Boiss.* & *Heldr.*
dimorphophyllum *K.T. Fu* & *G.Y. Rao* in *Acta Bot. Bor.-Occid. Sin.*, 8(2): 117 (1988)—China.
dongzhiense *D.Q. Wang* & *Y.L. Shi* in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(3): 48 (1990)—China.
grisebachii
subsp. flexuosum (*Wettst.*) *W. Greuter* & *H.M. Burdet* in *W. Greuter, H.M. Burdet* & *G. Long* (eds.), *Med-checklist*, 3: 20 (1986): *S. flexuosum*.
subsp. kostovii (*Stefanov*) *W. Greuter* & *H.M. Burdet* in *W. Greuter, H.M. Burdet* & *G. Long* (eds.), *Med-checklist*, 3: 20 (1986): *S. kostovii*.
gypsophilum *B.L. Turner* in *Phytologia*, 59(5): 321 (1986)—Mexico.
hangzhouense *K.T. Fu* & *G.Y. Rao* in *Acta Bot. Bor.-Occid. Sin.*, 8(2): 119 (1988)—China.
hengduanense *K.T. Fu* in *Acta Bot. Bor.-Occid. Sin.*, 6(2): 105 (1986)—China, Xizang.
himalense
subsp. taohoense (*Fu*) *Yu.P. Kozhevnikov* in *Bot. Zhurn.*, 74(4): 543 (1989): *Rhodiola taohoensis*.
×hommelsii *H. t Hart* in *Bot. Jahrb.*, 109(1): 8 (1987)—France.
jiaodongense *Y.M. Zhang* & *X.D. Chen* in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(1): 43 (1990)—China.
jiulongshanense *Y.C. Ho* in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 31 (1989)—China.
kiangnanense *D.Q. Wang* & *Z.F. Wu* in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(3): 45 (1990)—China.
latentibulosum *K.T. Fu* & *G.Y. Rao* in *Acta Bot. Bor.-Occid. Sin.*, 8(2): 122 (1988)—China.
lineare *C.P. Thunberg* ex *A. Murray* in *Linnaeus, Syst. Veg.*, ed. 14: 430 (1784)—Japan.†
longyanense *K.T. Fu* in *Acta Bot. Bor.-Occid. Sin.*, 6(2): 108 (1986)—Xizang.
×lorenzii *H. t Hart* in *Bot. Jahrb.*, 109(1): 10 (1987)—France.
ludlowii (*Ohba*) *Yu.P. Kozhevnikov* in *Bot. Zhurn.*, 74(4): 543 (1989): *Rhodiola ludlowii*.
magellense
subsp. olympicum (*Boiss.*) *W. Greuter* & *H.M. Burdet* in *W. Greuter, H.M. Burdet* & *G. Long* (eds.), *Med-checklist*, 3: 24 (1986): *S. olympicum*.

- SEDUM** :-
 multicaule
 subsp. rugosum *K.T. Fu in Acta Bot. Bor.-Occid. Sin.*, 6(2): 105 (1986)—Xizang.
 muyaicum *K.T. Fu in Acta Bot. Bor.-Occid. Sin.*, 6(2): 107 (1986)—China.
 nanchuanense *K.T. Fu & G.Y. Rao in Acta Bot. Bor.-Occid. Sin.*, 8(2): 116 (1988)—China.
 nicaense
 subsp. dianium (*O. Bolós*) *S. Rivas-Martínez in Opusc. Bot. Pharm. Complutensis*, 3: 88 (1986); *S. sediforme* subsp. dianium.
 var. saguntinum (*O. Bolós*) *S. Rivas-Martínez in Opusc. Bot. Pharm. Complutensis*, 3: 88 (1986); *S. sediforme* var. saguntinum.
 obtusipetalum
 subsp. dandyanum *H. Ohba in J. Jap. Bot.*, 61(9): 274 (1986)—Nepal.
 ohbae *Yu.P. Kozhevnikov in Bot. Zhurn.*, 74(4): 543 (1989), nom. nov.: *Rhodiola angusta Nakai*.
 orbatum *R. Moran & J. Meyrán in Cact. Suc. Mex.*, 33(3): 55 (1988)—Cultivation.
 pinnatifidum (*Boriss.*) *Yu.P. Kozhevnikov in Bot. Zhurn.*, 74(4): 543 (1989); *Rhodiola pinnatifida*.
 quadrifidum
 subsp. coccineum (*Royle*) *Yu.P. Kozhevnikov in Bot. Zhurn.*, 73(3): 420 (1988); *S. coccineum*.
 roseum
 subsp. arcticum (*Boriss.*) *Yu.P. Kozhevnikov in Bot. Zhurn.*, 74(4): 537 (1989); *Rhodiola arctica*.
 ruprechtii (*Jalas*) *T.Ya. Omel'chuk-Myakushko in Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1977: 124 (1977 publ. 1978); *S. telephium* subsp. ruprechtii.
 serratum (*Ohba*) *Yu.P. Kozhevnikov in Bot. Zhurn.*, 74(4): 537 (1989); *Rhodiola serrata*.
 sherriffii (*Ohba*) *Yu.P. Kozhevnikov in Bot. Zhurn.*, 74(4): 537 (1989); *Rhodiola sherriffii*.
 subtile
 subsp. chinense *H. Ohba in J. Jap. Bot.*, 61(8): 227 (1986)—China.
 taiwanianum *S.S. Ying in Quart. J. Chinese Forest.*, 19(2): 101 (1986)—Taiwan.
 tamaulipense *G.L. Nesom in Sida*, 13(1): 22 (1988)—Mexico.
 tehuaztlense *R. Moran & J. Meyrán in Cact. Suc. Mex.*, 32(1): 4 (1987)—Mexico.
 tianmushanense *Y.C. Ho & F. Chai in Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 32 (1989)—China.
 tosaense
 subsp. sinense *K.T. Fu & G.Y. Rao in Acta Bot. Bor.-Occid. Sin.*, 8(2): 121 (1988)—China.
 tricarpum
 f. viride *S. Hatusima in J. Phytogeogr. Taxon.*, 35(2): 66 (1987)—Japan.
 uniflorum
 subsp. rugosum (*Fröd.*) *K.T. Fu in Acta Bot. Bor.-Occid. Sin.*, 6(2): 110 (1986); *S. japonicum* f. rugosum.
 ursi *H. 't Hart in Acta Bot. Neerl.*, 39(2): 203 (1990)—Turkey.
 verticillatum
 f. bulbiferum *N. Yonezawa in J. Phytogeogr. Taxon.*, 34(2): 69 (1986)—Japan.
- SELAGO** (Scrophulariac.).
 baurii (*Hiern*) *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 46(3): 341 (1990); *Phyllopodium baurii*.
- SELENICEREUS** (Cactac.).
 sect. *Cryptocereus* (*Alexander*) *D. Hunt in Bradleya*, 7: 92 (1989); gen. *Cryptocereus*.
 sect. *Deamia* (*Britton & Rose*) *D. Hunt in Bradleya*, 7: 93 (1989); gen. *Deamia*.
 sect. *Salmodyckia* *D. Hunt in Bradleya*, 7: 91 (1989).
 sect. *Strophocactus* (*Britton & Rose*) *D. Hunt in Bradleya*, 7: 93 (1989); gen. *Strophocactus*.
 anthonyanus (*Alexander*) *D. Hunt in Bradleya*, 7: 93 (1989); *Cryptocereus anthonyanus*.
 tricae *D. Hunt in Bradleya*, 7: 91 (1989)—Belize.
 wittii (*Schum.*) *G.D. Rowley in Excelsa*, 12: 36 (1986); *Cereus wittii*.
- XSELENIPHYLCHIA** *F. Süpple in Succulenta*, 67(12): 258 (1988). **CACTACEAE**. (Epiphyllum × *Nopalxochia* × *Selenicereus*).
- SELINUM** (Umbellif.).
 divaricatum *R. Brown in C.L. von Buch, Phys. Besch. Canar. Ins.*: 195 (1825); cf. *D.J. Mabberley in Bot. Macaronesica*, 6: 63 (1980)—Madeira.
- SEMECARPUS** (Anacardiace.).
 lineatum *A.J.G.H. Kostermans in Blumea*, 33(2): 348 (1988)—Borneo (Sabah).
 longipes *A.J.G.H. Kostermans in Blumea*, 33(2): 349 (1988)—Borneo (Kalimantan, Sabah).
- SEMENOVIA** (Umbellif.).
 heracleifolia (*Wolff*) *I.C. Hedge & J.M. Lamond in Fl. Iran.*, 162: 489 (1987); *Peucedanum heracleifolium*.
 lasiocarpa
 subsp. incana (*Rech. f. & H. Riedl*) *R. Alava in Fl. Iran.*, 162: 488 (1987); *Platytaenia lasiocarpa* subsp. incana.
 subsp. thomsonii (*C.B. Clarke*) *R. Alava in Fl. Iran.*, 162: 488 (1987); *Heracleum thomsonii*.
 macrocarpa (*Rech. f. & H. Riedl*) *R. Alava in Fl. Iran.*, 162: 481 (1987); *Platytaenia macrocarpa*.
 millefolia (*Diels*) *V.M. Vinogradova & R.V. Kamelin in Novosti Sist. Vyssh. Rast.*, 23: 96 (1986); *Heracleum millefolium*.
 montana *R.V. Kamelin & V.M. Vinogradova in Novosti Sist. Vyssh. Rast.*, 23: 97 (1986)—China.
 radiata (*Rech. f. & H. Riedl*) *R. Alava in Fl. Iran.*, 162: 484 (1987); *Platytaenia lasiocarpa* subsp. radiata.
 subscaposa (*Rech. f.*) *R. Alava in Fl. Iran.*, 162: 484 (1987); *Zozimia subscaposa*.
- SEMIALARIUM** (Celastrac.).
 mexicanum (*Miers*) *A.M.W. Mennega in Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(3): 316 (1988); *Hippocratea mexicana*.
- SEMIAQUILEGIA** (Ranunculac.).
 adoxoides
 var. grandis *D.Q. Wang in Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 53 (1989)—China.
 dauciformis *D.Q. Wang in Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 51 (1989)—China.
- SEMIARUNDINARIA** (Gramin.).
 densiflora (*Rendle*) *T.H. Wen in J. Bamboo Res.*, 8(1): 24 (1989); *Arundinaria densiflora*.
 f. villosa (*S.L. Chen & Yao*) *T.H. Wen in J. Bamboo Res.*, 8(1): 24 (1989); *Brachystachyum densiflorum* var. villosum.
 sinica *T.H. Wen in J. Bamboo Res.*, 8(1): 13 (1989)—China.
- SEMILIQUIDAMBAR** (Hamamelidac.).
 chingii
 var. longipes *Y.K. Li & X.M. Wang in Acta Bot. Yunnanica*, 8(3): 275 (1986)—China.
- SEMPERVIVUM** (Crassulac.).
 ×alidae *B.J.M. Zonneveld in Brit. Cact. Succ. J.*, 4(3): 65 (1986)—Cultivation. (*S. grandiflorum* × *wulfenii*).
 atropatanum *J.A.N. Parnell in Willdenowia*, 18(2): 419 (1989), as 'atropatanus'—Iran.
 brevipetalum *Kit Tan & F. Sorger in Pl. Syst. Evol.*, 154(1-2): 120 (1986)—Turkey.
 globiferum
 subsp. agricum *Kit Tan & F. Sorger in Pl. Syst. Evol.*, 154(1-2): 121 (1986)—Turkey.
 malacophyllum (*Pallas*) *Salm-Dyck, Ind. Pl. Succ.*: 53 (1822); cf. *D.J. Mabberley in Taxon*, 31(1): 72 (1982); Basionym not stated.
 tectorum
 var. andreanum (*Wale*) *O. de Bolós & J. Vigo, Fl. Paisos Catalans*, 2: 821 (1990); *S. andreanum*.
 wulfenii
 subsp. juvenii (*Strgar*) *C. Favarger & J. Parnell in Bot. J. Linn. Soc.*, 103(3): 217 (1990); *S. juvenii*.
- SENECIO** (Compos.).
 ser. *Arborei* (*O. Hoffm.*) *C. Jeffrey in Kew Bull.*, 41(4): 887 (1986); *S. sect. Arborei*.
 ser. *Lanati* (*Muschl.*) *C. Jeffrey in Kew Bull.*, 41(4): 898 (1986); *S. sect. Lanati*.
 sect. *Peltati* (*Muschl.*) *C. Jeffrey in Kew Bull.*, 41(4): 897 (1986); *S. subsect. Peltati*.
- SENECIO** :-
 ser. *Plantaginei* (*Harv.*) *C. Jeffrey in Kew Bull.*, 41(4): 892 (1986); *S. sect. Plantaginei*.
 sect. *Rowleyani* *C. Jeffrey in Kew Bull.*, 41(4): 934 (1986).
 ser. *Sinuosi* (*Harv.*) *C. Jeffrey in Kew Bull.*, 41(4): 901 (1986); *S. sect. Sinuosi*.
 subgen. *Tephrosieris* (*Reichenb.*) *A.A. Korobkov in Arktich. Fl. SSSR*, 10: 198 (1987); *Cineraria* sect. *Tephrosieris*.
 amplificatus *C. Jeffrey in Kew Bull.*, 41(4): 900 (1986)—Kenya.
 andrzejowskyi *N.N. Tsvetlev in Novosti Sist. Vyssh. Rast.*, 23: 254 (1986)—U.S.S.R. (European Russia).
 ×arctisibiricus *B.A. Yurtsev & A.A. Korobkov in Arktich. Fl. SSSR*, 10: 235 (1987)—U.S.S.R. (Soviet Far East). (*S. congestus* × *atropurpureus*).
 auricula
 var. *sicoricus* *O. de Bolós & J. Vigo in Collect. Bot.*, 17(1): 91 (1987 publ. 1988)—Spain.
 ×austriacus *J. Herborg, Variabilität u. Sippenabgrenz. Senecio nemorensis-Gruppe europ. Teil. (Diss. Bot. 107)*: 195 (1987)—Austria. (*S. calaiastrer* × *hercynicus*).
 barkleyi *B.L. Turner in Phytologia*, 59(2): 89 (1986)—Mexico.
 billieturneri *T.M. Barkley in Phytologia*, 67(3): 238 (1989)—Mexico.
 boluanguensis *H. Koyama in Acta Phytotax. Geobot.*, 39(4-6): 156 (1988)—Thailand.
 carbonellii *S. Diaz-Piedrahíta in Caldasia*, 15(71-75): 35 (1986)—Colombia.
 carlomasonii *B.L. Turner & T.M. Barkley in Phytologia*, 67(5): 390 (1989)—Mexico.
 carnosulus (*Kirk*) *C.J. Webb in New Zealand J. Bot.*, 26(3): 481 (1988); *S. lautus* var. *carnosulus*.
 chrysanthemifolius
 subsp. *aethnensis* (*Jan ex DC.*) *J. Lambinon in Soc. Ech. Pl. Vasc. Eur. Bassin Médit. Bull.*, 21: 63 (1986); *S. aethnensis*.
 crispipilosus *C. Jeffrey in Kew Bull.*, 41(4): 893 (1986)—Uganda, Kenya, Sudan.
 cronquistii (*H. Robins. & Bret.*) *B.L. Turner & T.M. Barkley in Phytologia*, 67(5): 392 (1989); *Roldana cronquistii*.
 daochengensis *Y.L. Chen in Acta Phytotax. Sin.*, 26(1): 56 (1988)—China.
 ×deciapiens *J. Herborg, Variabilität u. Sippenabgrenz. Senecio nemorensis-Gruppe europ. Teil. (Diss. Bot. 107)*: 197 (1987)—Germany, Poland, Switzerland, Austria, Italy, Greece. (*S. hercynicus* × *ovatus*).
 dentato-alatus *Mildbr. ex C. Jeffrey in Kew Bull.*, 41(4): 893 (1986)—Tanzania.
 discokaraguensis *C. Jeffrey in Kew Bull.*, 41(4): 895 (1986)—Tanzania.
 dolichodoryius *J. Cuatrecasas in Proc. Biol. Soc. Wash.*, 98(3): 623 (1985)—Peru.
 doryphoroides *C. Jeffrey in Kew Bull.*, 41(4): 895 (1986)—Tanzania.
 durangensis
 var. *atrapiculatus* *T.M. Barkley in Phytologia*, 69(3): 146 (1990)—Mexico.
 erucifolius
 subsp. *grandidentatus* (*Ledeb.*) *B. Nordenstam in Fl. Iran.*, 164: 76 (1989); *S. grandidentatus*.
 esleri *C.J. Webb in New Zealand J. Bot.*, 27(4): 565 (1989)—New Zealand.
 exarachnoideus *C. Jeffrey in Kew Bull.*, 41(4): 896 (1986)—Tanzania.
 flaccidus
 var. *douglasii* (*DC.*) *B.L. Turner & T.M. Barkley in Phytologia*, 69(1): 52 (1990); *S. douglasii*.
 var. *durangensis* (*Greenm.*) *T.M. Barkley in Phytologia*, 67(3): 237 (1989); *S. durangensis*.
 var. *monoensis* (*E. Greene*) *B.L. Turner & T.M. Barkley in Phytologia*, 69(1): 54 (1990); *S. monoensis*.
 fragrans *Lehm.*, *Sem. Hort. Bot. Hamb.*, 1823: 14 (1824); *Linnaea* 3, *Lit.*: 8 (1828); cf. *D.J. Mabberley in Taxon*, 32(1): 86 (1983)—Locality not stated.
 garlandii *F. Muell. ex R.O. Belcher in Muelleria*, 6(3-4): 173 (1986)—Australia (New South Wales).
 gentryi (*H. Robins. & Bret.*) *B.L. Turner & T.M. Barkley in Phytologia*, 67(5): 392 (1989); *Roldana gentryi*.

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- germanicus
 subsp. glabratus *J. Herborg, Variabilität u. Sippenabgrenz. Senecio nemorensis-Gruppe europ. Teil. (Diss. Bot. 107): 119 (1987)*—Austria, Germany, Italy, Jugoslavia.
 var. karaulensis (*Form.*) *J. Herborg, Variabilität u. Sippenabgrenz. Senecio nemorensis-Gruppe europ. Teil. (Diss. Bot. 107): 115 (1987)*: *S. fuchsii* var. karaulensis.
 gesnerifolius *B.L. Turner in Phytologia, 62(1): 75 (1987)*—Mexico.
 glaucophyllus
 subsp. toa *C.J. Webb in New Zealand J. Bot., 25(1): 148 (1987)*—New Zealand.
 glaucus
 subsp. hyblaeus *S. Brullo in Boll. Accad. Gioenia Sci. Nat. Catania, 18(325): 279 (1985)*—Sicily.
 gramineticola *C. Jeffrey in Kew Bull., 41(4): 895 (1986)*—Tanzania, Malawi.
 greenwayi *C. Jeffrey in Kew Bull., 41(4): 903 (1986)*—Tanzania, Malawi.
 gregatus *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh, 43(3): 352 (1986)*, nom. nov.: *S. serratuloides* var. *gracilis* *Harvey*.
 grimesii *B.L. Turner in Brittonia, 40(1): 81 (1988)*—Mexico.
 guerrerensis *T.M. Barkley in Phytologia, 69(3): 138 (1990)*—Mexico.
 hawaii *W.R. Sykes in New Zealand J. Bot., 25(4): 611 (1987 publ. 1988)*—New Zealand.
 hedbergii *C. Jeffrey in Kew Bull., 41(4): 899 (1986)*—Tanzania, Kenya.
 helenitis
 var. capcirense *O. de Bolòs & J. Vigo in Collect. Bot., 17(1): 91 (1987 publ. 1988)*—Spain.
 var. ligulatus (*Rouy*) *O. de Bolòs & J. Vigo in Collect. Bot., 17(1): 91 (1987 publ. 1988)*: *S. spathulifolius* var. *ligulata*.
 hercynicus *J. Herborg, Variabilität u. Sippenabgrenz. Senecio nemorensis-Gruppe europ. Teil. (Diss. Bot. 107): 160 (1987)*—Germany, Belgium, France, Poland, Czechoslovakia, Hungary, Switzerland, Austria, Italy, Jugoslavia, Bulgaria, Greece.
 subsp. durmitorensis *J. Herborg, Variabilität u. Sippenabgrenz. Senecio nemorensis-Gruppe europ. Teil. (Diss. Bot. 107): 177 (1987)*—Jugoslavia.
 var. expansus (*Boiss. & Heldr.*) *J. Herborg, Variabilität u. Sippenabgrenz. Senecio nemorensis-Gruppe europ. Teil. (Diss. Bot. 107): 174 (1987)*: *S. jacquinianus* var. *expansus*.
 hintonii (*H. Robins. & Brettell*) *J. Pruski & T.M. Barkley in Phytologia, 67(3): 238 (1989)*: *Roldana hintonii*.
 hyperborealis
 subsp. wrangelica *B.A. Yurtsev, A.A. Korobkov & V.V. Petrovskii in Arktich. Fl. SSSR, 10: 216 (1987)*—U.S.S.R. (Soviet Far East).
 immixtus *C. Jeffrey in Kew Bull., 41(4): 896 (1986)*—Tanzania.
 iranicus *B. Nordenstam in Fl. Iran., 164: 95 (1989)*—Iran.
 jacobaea
 subsp. dunensis (*Dumort.*) *J.W. Kadereit & P.D. Sell in Watsonia, 16(1): 23 (1986)*: *S. dunensis*.
 japonicus *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14: 756 (1784)*—Japan.†
 johnstonii
 subsp. adnivalis (*Stapp*) *C. Jeffrey in Kew Bull., 41(4): 889 (1986)*: *S. adnivalis*.
 var. adnivalis (*Stapp*) *C. Jeffrey in Kew Bull., 41(4): 890 (1986)*: *S. adnivalis*.
 var. alticola (*T.C.E. Fr.*) *C. Jeffrey in Kew Bull., 41(4): 890 (1986)*: *S. alticola*.
 var. battiscombei (*R.E. & T.C.E. Fr.*) *C. Jeffrey in Kew Bull., 41(4): 891 (1986)*: *S. battiscombei*.
 var. cheranganiensis (*Cotton & Blakel.*) *C. Jeffrey in Kew Bull., 41(4): 891 (1986)*: *S. cheranganiensis*.
 var. cottonii (*Hutch. & Tayl.*) *C. Jeffrey in Kew Bull., 41(4): 889 (1986)*: *S. cottonii*.
 var. dalei (*Cotton & Blakel.*) *C. Jeffrey in Kew Bull., 41(4): 891 (1986)*: *S. dalei*.
 var. elgonensis (*T.C.E. Fr.*) *C. Jeffrey in Kew Bull., 41(4): 889 (1986)*: *S. elgonensis*.
 var. erici-rosenii (*R.E. & T.C.E. Fr.*) *C. Jeffrey in Kew Bull., 41(4): 890 (1986)*: *S. erici-rosenii*.

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- var. kilimanjari (*Mildbr.*) *C. Jeffrey in Kew Bull., 41(4): 888 (1986)*: *S. kilimanjari*.
 var. ligulatus (*Cotton & Blakel.*) *C. Jeffrey in Kew Bull., 41(4): 889 (1986)*: *S. gardneri* var. *ligulatus*.
 var. meruensis (*Cotton & Blakel.*) *C. Jeffrey in Kew Bull., 41(4): 888 (1986)*: *S. meruensis*.
 keniensis
 subsp. brassiciformis (*R.E. & T.C.E. Fr.*) *C. Jeffrey in Kew Bull., 41(4): 892 (1986)*—*S. brassiciformis*.
 kingbishopii *J. Cuatrecasas in Proc. Biol. Soc. Wash., 98(3): 625 (1985)*—Peru.
 krascheninnikovii
 var. albus (*Ghosh & Bhattacharyya*) *B.S. Aswal & B.N. Mehrotra in Indian J. Forest., 13(1): 66 (15 April 1990)*: *S. pedunculatus* var. *albus*.
 var. albus (*Ghose & Bhattacharyya*) *H.B. Naithani, Flow. Pl. India, Nepal & Bhutan: 238 (March 1990)*: *S. pedunculatus* var. *albus*.
 laderoii *C. Pérez Morales, M.E. García Gonzalez & A. Penas Merino in Stud. Bot. (Salamanca), 8: 124 (1989 publ. 1990)*—Spain.
 subsp. cantabrica *C. Pérez Morales, M.E. García Gonzalez & A. Penas Merino in Stud. Bot. (Salamanca), 8: 124 (1989 publ. 1990)*—Spain.
 laetus
 var. analogus (*DC.*) *R. Mathur in R.R. Rao et al., Fl. Ind. Enumerat. - Asterac.: 69 (1988)*, as '(Hook. f.) & without ref. to true basionym: Basionym not stated.
 var. sisymbriiformis (*DC.*) *R. Mathur in R.R. Rao et al., Fl. Ind. Enumerat. - Asterac.: 69 (1988)*, as 'sisymbriiformis (Hook. f.) & without ref. to true basionym: Basionym not stated.
 var. spectabilis (*Hook. f.*) *R. Mathur in R.R. Rao et al., Fl. Ind. Enumerat. - Asterac.: 69 (1988)*: *S. chrysanthemoides* var. *spectabilis*.
 lagascanus
 subsp. lusitanicus (*P. Cout.*) *A.R. Pinto da Silva, Fl. Voy. Portugal Link (Hist. Desensolv. Ciênc. Portugal, 2): 955 (1987)*: *S. doronicum* subsp. *lusitanicus*.
 lasiocaulon *T.M. Barkley in Phytologia, 67(3): 240 (1989)*—Mexico.
 letouzeyanus *S. Lisowski in Bull. Mus. Nation. Hist. Nat., B, Adansonia, Ser. 4, 11(4): 453 (1989 publ. 1990)*—Zaire.
 leucanthemifolius
 subsp. rodriguezii (*Willk. ex Rodr. Fem.*) *O. de Bolòs & J. Vigo in Collect. Bot., 17(1): 91 (1987 publ. 1988)*: *S. rodriguezii*.
 linifoliiaster *G. López González in An. Jard. Bot. Madrid, 42(2): 323 (1985 publ. 1986)*—Spain.
 mabberleyi *C. Jeffrey in Kew Bull., 41(4): 893 (1986)*—Tanzania.
 mahindae *G.L. Nesom & L.A. Vorobik in Sida, 13(1): 17 (1988)*—Mexico.
 margaritae *C. Jeffrey in Kew Bull., 41(4): 898 (1986)*—Kenya.
 marotiri *C.J. Webb in New Zealand J. Bot., 26(3): 482 (1988)*—New Zealand.
 marquesii *B.L. Turner in Brittonia, 40(1): 82 (1988)*—Mexico.
 marquezii *B.L. Turner in Brittonia, 40(1): 82 (1988)*, as 'marquesii'; see also *Brittonia, 41(1): 43 (1989)*—Mexico.†
 megalanthus *Y.L. Chen in Acta Phytotax. Sin., 26(1): 57 (1988)*—China.
 metepicus *B.L. Turner in Phytologia, 66(6): 465 (1989)*—Mexico.
 meyeri-johannis
 subsp. olomotiensis *C. Jeffrey in Kew Bull., 41(4): 900 (1986)*—Tanzania.
 michoacanus (*B.L. Robins.*) *B.L. Turner & T.M. Barkley in Phytologia, 67(5): 392 (1989)*: *Cacalia michoacana*.
 microalatus *C. Jeffrey in Kew Bull., 41(4): 894 (1986)*—Tanzania.
 mooreioides *C. Jeffrey in Kew Bull., 41(4): 899 (1986)*—Tanzania.
 morotonensis *C. Jeffrey in Kew Bull., 41(4): 898 (1986)*—Uganda.
 multidentatus
 var. huachucanus (*A. Gray*) *T.M. Barkley in Phytologia, 67(3): 238 (1989)*: *S. huachucanus*.

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- namnaoensis *H. Koyama in Acta Phytotax. Geobot., 39(4-6): 156 (1988)*—Thailand.
 navigabensis *C. Jeffrey in Kew Bull., 41(4): 901 (1986)*—Uganda.
 nesomiorum *B.L. Turner in Phytologia, 66(6): 467 (1989)*—Mexico.
 octobracteatus *B.L. Turner & T.M. Barkley in Phytologia, 67(5): 392 (1989)*, nom. nov.: *Roldana pennellii* *H. Robins. & Bret.*
 var. durangensis (*H. Robins. & Bret.*) *B.L. Turner in Phytologia, 67(5): 392 (1989)*: *Roldana pennellii* var. *durangensis*.
 ovatus
 subsp. alpestris (*Gaudin*) *J. Herborg, Variabilität u. Sippenabgrenz. Senecio nemorensis-Gruppe europ. Teil. (Diss. Bot. 107): 143 (1987)*: *S. alpestris*.
 paneroi *B.L. Turner in Phytologia, 67(6): 454 (1989)*—Mexico.
 pattersonii *B.L. Turner in Phytologia, 65(5): 373 (1988)*—Mexico.
 paulsenii
 subsp. khorasanicus (*Rech. f. & Aell.*) *B. Nordenstam in Fl. Iran., 164: 68 (1989)*: *S. khorasanicus*.
 pedunculatus
 var. albus *B. Ghosh & U.C. Bhattacharyya in J. Econ. Taxon. Bot., 10(2): 311 (1987 publ. 1988)*—India.
 plantagineoides *C. Jeffrey in Kew Bull., 41(4): 898 (1986)*—Kenya.
 porphyresthes *T.M. Barkley in Phytologia, 67(3): 243 (1989)*—Mexico.
 praecox
 var. tzimolensis *T.M. Barkley in Phytologia, 69(3): 142 (1990)*—Mexico.
 pseudopicridis *T.M. Barkley in Phytologia, 67(3): 244 (1989)*—Mexico.
 pseudosubsessilis *C. Jeffrey in Kew Bull., 41(4): 894 (1986)*—Kenya.
 radiolatus
 subsp. antipodus (*Kirk*) *C.J. Webb in New Zealand J. Bot., 25(1): 148 (1987)*: *S. antipodus*.
 richardsonii *B.L. Turner in Phytologia, 60(3): 157 (1986)*—Mexico.
 scalaris
 var. carmenensis *C.C. Freeman in Phytologia, 67(3): 249 (1989)*—Mexico.
 var. parrasianus (*Greenm.*) *C.C. Freeman in Phytologia, 67(3): 238 (1989)*: *S. parrasianus*.
 sororius *C. Jeffrey in Kew Bull., 41(4): 895 (1986)*—Tanzania.
 spartioides
 var. multicapitatus (*Greenm. ex Rydb.*) *S.L. Welsh in Great Basin Nat., 43(2): 337 (1983)*: *S. multicapitatus*.
 spellenbergii *T.M. Barkley in Phytologia, 67(3): 248 (1989)*—U.S.A. (New Mexico).
 streptanthifolius
 var. borealis (*T. & G.*) *J.F. Bain in Rhodora, 90(863): 293 (1988)*: *S. aureus* var. *borealis*.
 var. kluaeii *J.F. Bain in Rhodora, 90(863): 297 (1988)*—Canada (Yukon, British Columbia).
 var. laetiflorus (*Greene*) *J.F. Bain in Rhodora, 90(863): 302 (1988)*, without basionym ref.: *S. laetiflorus*.
 var. oodes (*Rydberg*) *J.F. Bain in Rhodora, 90(863): 308 (1988)*: *S. oodes*.
 var. rubricaulis (*Greene*) *J.F. Bain in Rhodora, 90(863): 299 (1988)*: *S. rubricaulis*.
 var. wallowensis *J.F. Bain in Rhodora, 90(863): 306 (1988)*—U.S.A. (Oregon, Nevada, Washington).
 subcymosus (*H. Robins.*) *B.L. Turner & T.M. Barkley in Phytologia, 67(5): 392 (1989)*: *Roldana subcymosa*.
 subfractiflexus *C. Jeffrey in Kew Bull., 41(4): 894 (1986)*—Tanzania.
 tapianus *B.L. Turner in Phytologia, 67(5): 387 (1989)*—Mexico.
 transmarinus
 var. major *C. Jeffrey in Kew Bull., 41(4): 902 (1986)*—Uganda.
 var. virungae *C. Jeffrey in Kew Bull., 41(4): 903 (1986)*—Uganda, Zaire.
 tundricola
 subsp. lindstroemii (*Ostenf.*) *A.A. Korobkov in Arktich. Fl. SSSR, 10: 223 (1987)*: *S. integrifolius* var. *lindstroemii*.

SENECIO :-

- venturæ *T.M. Barkley in Phytologia*, 69(3): 140 (1990)—Mexico.
- volcanicola *C. Jeffrey in Kew Bull.*, 41(4): 893 (1986)—Tanzania.

SENEFELDERA (Euphorbiac.).

- yutajensis (*Jabl.*) *G. Webster in Ann. Missouri Bot. Gard.*, 76(4): 958 (1989): *Sapium yutajense*.

SENEGALIA (Legumin.).

- sect. *Filicinae* (*Benth.*) *L. Pedley in Bot. J. Linn. Soc.*, 92(3): 238 (1986): *Acacia* ser. *Filicinae*.
- albizioides (*Pedley*) *L. Pedley in Bot. J. Linn. Soc.*, 92(3): 250 (1985): *Acacia albizioides*.
- angustissima (*Miller*) *L. Pedley in Bot. J. Linn. Soc.*, 92(3): 238 (1986): *Mimosa angustissima*.
- ferruginea (*DC.*) *L. Pedley in Bot. J. Linn. Soc.*, 92(3): 250 (1986): *Acacia ferruginea*.

SENNA (Legumin.).

- ser. *Interglandulosae* (*Benth.*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 193 (1989): *Cassia* ser. *Interglandulosae*.
- ser. *Oligocladae* *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 253 (1989).
- ser. *Subverrucosae* (*Benth.*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 208 (1989): *Cassia* ser. *Subverrucosae*.
- acclinis (*F. Muell.*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 200 (1989): *Cassia acclinis*.
- aciphylla (*Benth.*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 204 (1989): *Cassia aciphylla*.
- acuta (*Meyen ex Vogel*) *O. Zoellner & C. San Martín in An. Mus. Hist. Nat. Valparaíso*, 16: 25 (1983–85 publ. 1986): *Cassia acuta*.
- alcaparra (*Phil.*) *O. Zoellner & C. San Martín in An. Mus. Hist. Nat. Valparaíso*, 16: 25 (1983–85 publ. 1986): *Cassia alcaparra*.
- alexandrina
 - var. *obtusata* (*Brenan*) *J.M. Lock in Kew Bull.*, 43(2): 338 (1988): *Cassia senna* var. *obtusata*.
- aphylla
 - subsp. *divaricata* (*Hieronymus*) *L.D. Bravo in Brittonia*, 38(3): 270 (1986): *Cassia aphylla* var. *divaricata*.
- appendiculata (*Vogel*) *J.H. Wiersma in Taxon*, 38(4): 652 (1989): *Cassia appendiculata*.
- artemisioides (*DC.*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 220 (1989): *Cassia artemisioides*.
- subsp. *alicia* *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 234 (1989)—Australia (N. Terr., Queensland, New South Wales, S. Australia).
- subsp. *circinnata* (*Benth.*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 231 (1989): *Cassia circinnata*.
- nothosubsp. coriacea* (*Benth.*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 231 (1989): *Cassia sturtii* var. *coriacea*.
- subsp. *filifolia* *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 227 (1989)—Australia (N. Terr., W. Australia, Queensland, New South Wales, Victoria, S. Australia).
- subsp. *glaucofolia* *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 240 (1989)—Australia (W. Australia, N. Terr.).
- subsp. *hamersleyensis* (*Symon*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 244 (1989): *Cassia hamersleyensis*.
- subsp. *helmsii* (*Symon*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 236 (1989): *Cassia helmsii*.
- subsp. *oligophylla* (*F. Muell.*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 235 (1989): *Cassia oligophylla*.
- subsp. *petiolaris* *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 229 (1989)—Australia (N. Terr., Queensland, New South Wales, Victoria, S. Australia, W. Australia).
- subsp. *quadrifolia* *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 239 (1989)—Australia (S. Australia, N. Terr., Queensland, New South Wales).
- subsp. *stricta* *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 242 (1989)—Australia (W. Australia).
- nothosubsp. sturtii* (*R.Br.*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 238 (1989): *Cassia sturtii*.

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- subsp. *symonii* *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 243 (1989)—Australia (W. Australia).
- subsp. *zygophylla* (*Benth.*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 233 (1989) *Cassia zygophylla*.
- baccarinii* (*Chiov.*) *J.M. Lock in Kew Bull.*, 43(2): 339 (1988): *Cassia baccarinii*.
- barclayana* (*Sweet*) *B.R. Randell in J. Adelaide Bot. Gard.*, 11(1): 34 (1988): *Cassia barclayana*.
- cardiosperma* (*F. Muell.*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 244 (1989): *Cassia cardiosperma*.
- subsp. *cuthbertsonii* (*F. Muell.*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 249 (1989): *Cassia cuthbertsonii*.
- subsp. *flexuosa* *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 249 (1989)—Australia (W. Australia).
- subsp. *gawlerensis* *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 250 (1989)—Australia (S. Australia).
- subsp. *manicula* (*Symon*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 253 (1989): *Cassia manicula*.
- subsp. *microphylla* *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 252 (1989)—Australia (S. Australia, N. Terr.).
- subsp. *pilocarina* (*Symon*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 247 (1989): *Cassia pilocarina*.
- subsp. *stowardii* (*S. Moore*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 251 (1989): *Cassia stowardii*.
- cladophylla* (*W. Fitzg.*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 265 (1989): *Cassia cladophylla*.
- clavigera* (*Domin*) *B.R. Randell in J. Adelaide Bot. Gard.*, 11(1): 39 (1988): *Cassia sophera* var. *clavigera*.
- coquimbensis* (*Vogel*) *O. Zoellner & C. San Martín in An. Mus. Hist. Nat. Valparaíso*, 16: 26 (1983–85 publ. 1986): *Cassia coquimbensis*.
- coronilloides* (*Benth.*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 205 (1989): *Cassia coronilloides*.
- costata* (*J.F. Bailey & C. White*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 206 (1989): *Cassia costata*.
- curvistyla* (*J. Black*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 263 (1989): *Cassia curvistyla*.
- divaricata* (*Nees & Bl.*) *J.M. Lock in Kew Bull.*, 43(2): 339 (1988): *Cassia divaricata*.
- ellisiae* (*Brenan*) *J.M. Lock in Kew Bull.*, 43(2): 339 (1988): *Cassia ellisiae*.
- foliosa* (*Phil.*) *O. Zoellner & C. San Martín in An. Mus. Hist. Nat. Valparaíso*, 16: 21 (1983–85 publ. 1986): *Cassia foliosa*.
- galegifolia* (*L. R. Barneby & A. Lourteig in Phytologia*, 65(5): 400 (1988): *Cassia galegifolia*.
- glanduligera* (*St. John*) *A.C. Smith in Fl. Vitiensis Nova*, 3: 108 (1985): *Cassia glanduligera*.
- glutinosa* (*DC.*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 209 (1989): *Cassia glutinosa*.
- subsp. *charlesiana* (*Symon*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 217 (1989): *Cassia charlesiana*.
- subsp. *chatainiana* (*Gaudich.*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 213 (1989): *Cassia chatainiana*.
- subsp. *ferraria* (*Symon*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 219 (1989): *Cassia ferraria*.
- nothosubsp. luerssenii* (*Domin*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 214 (1989): *Cassia luerssenii*.
- subsp. *pruinosa* (*F. Muell.*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 216 (1989): *Cassia pruinosa*.
- goniodes* (*A. Cunn. ex Benth.*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 257 (1989): *Cassia goniodes*.
- gossweileri* (*Baker f.*) *J.M. Lock in Kew Bull.*, 43(2): 339 (1988): *Cassia gossweileri*.
- hebecarpa*
 - var. *longipila* (*E.L. Braun*) *C.F. Reed in Phytologia*, 63(5): 411 (1987): *Cassia hebecarpa* var. *longipila*.
- heptanthera* (*F. Muell.*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 260 (1989): *Cassia heptanthera*.

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- holosericea* (*Fresen.*) *W. Greuter in Willdenowia*, 15(2): 429 (1986): *Cassia holosericea*.
- huidobriana* (*Phil.*) *O. Zoellner & C. San Martín in An. Mus. Hist. Nat. Valparaíso*, 16: 23 (1983–85 publ. 1986): *Cassia huidobriana*.
- humifusa* (*Brenan*) *J.M. Lock in Kew Bull.*, 43(2): 339 (1988): *Cassia humifusa*.
- italica*
 - subsp. *arachoides* (*Burchell*) *J.M. Lock in Kew Bull.*, 43(2): 339 (1988): *Cassia italica* subsp. *arachoides*.
 - subsp. *micrantha* (*Brenan*) *J.M. Lock in Kew Bull.*, 43(2): 339 (1988): *Cassia italica* subsp. *micrantha*.
- leptoclada* (*Benth.*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 258 (1989): *Cassia leptoclada*.
- longiracemosa* (*Vatke*) *J.M. Lock in Kew Bull.*, 43(2): 339 (1988): *Cassia longiracemosa*.
- magnifolia* (*F. Muell.*) *B.R. Randell in J. Adelaide Bot. Gard.*, 13: 8 (1990): *Cassia magnifolia*.
- notabilis* (*F. Muell.*) *B.R. Randell in J. Adelaide Bot. Gard.*, 13: 6 (1990): *Cassia notabilis*.
- odorata* (*Morris*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 202 (1989): *Cassia odorata*.
- oligoclada* (*F. Muell.*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 254 (1989): *Cassia oligoclada*.
- paposana* (*Phil.*) *O. Zoellner & C. San Martín in An. Mus. Hist. Nat. Valparaíso*, 16: 23 (1983–85 publ. 1986): *Cassia paposana*.
- petersiana* (*Bolle*) *J.M. Lock in Kew Bull.*, 43(2): 340 (1988): *Cassia petersiana*.
- planitiicola* (*Domin*) *B.R. Randell in J. Adelaide Bot. Gard.*, 11(1): 36 (1988): *Cassia planitiicola*.
- pleurocarpa* (*F. Muell.*) *B.R. Randell in J. Adelaide Bot. Gard.*, 13: 3 (1990): *Cassia pleurocarpa*.
- var. *angustifolia* (*Symon*) *B.R. Randell in J. Adelaide Bot. Gard.*, 13: 5 (1990): *Cassia pleurocarpa* var. *angustifolia*.
- var. *longifolia* (*Symon*) *B.R. Randell in J. Adelaide Bot. Gard.*, 13: 5 (1990): *Cassia pleurocarpa* var. *longifolia*.
- podocarpa* (*Guillemin & Perrottet*) *J.M. Lock in Kew Bull.*, 43(2): 340 (1988): *Cassia podocarpa*.
- procumbens* *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 260 (1989)—Australia (N. Terr.).
- rigida*
 - var. *inermis* (*Bravo*) *L.D. Bravo in Brittonia*, 38(3): 270 (1986): *Cassia rigida* var. *inermis*.
- ruspolii* (*Chiov.*) *J.M. Lock in Kew Bull.*, 43(2): 340 (1988): *Cassia ruspolii*.
- singueana* (*Del.*) *J.M. Lock in Kew Bull.*, 43(2): 340 (1988): *Cassia singueana*.
- socotrana* (*Serr.-Val.*) *J.M. Lock in Kew Bull.*, 43(2): 340 (1988): *Cassia socotrana*.
- surattensis*
 - subsp. *retusa* (*J. Vogel*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 198 (1989): *Cassia retusa*.
 - subsp. *sulfurea* (*Colladon*) *B.R. Randell in J. Adelaide Bot. Gard.*, 12(2): 197 (1989): *Cassia sulfurea*.
- truncata* (*Brenan*) *J.M. Lock in Kew Bull.*, 43(2): 341 (1988): *Cassia truncata*.
- tuhovalyana* (*Áké Assi*) *J.M. Lock in Kew Bull.*, 43(2): 341 (1988): *Cassia tuhovalyana*.
- venusta* (*F. Muell.*) *B.R. Randell in J. Adelaide Bot. Gard.*, 13: 8 (1990): *Cassia venusta*.

SERAPIAS (Orchidac.).

- nothosubsect. Asmed* *H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 21(3): 743 (1989). (S. subsect. *Mediopetalae* × sect. *Serapias*).
- nothosubsect. Aspla* *H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 21(3): 742 (1989). (S. subsect. *Platypetalae* × sect. *Serapias*).
- nothosubsect. Assteno* *H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 21(3): 743 (1989). (S. sect. *Serapias* × subsect. *Stenopetalae*).
- subsect. *Mediopetalae* *H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 21(3): 741 (1989).
- nothosubsect. Menopetalae* *H. Baumann & S. Künkele in Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 21(3): 742 (1989). (S. subsect. *Mediopetalae* × subsect. *Stenopetalae*).

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- nothosubsect. Pladiopetalae* H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 21(3): 742 (1989). (S. subsect. *Mediopetalae* × subsect. *Platypetalae*).
- nothosubsect. Planopetalae* H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 21(3): 742 (1989). (S. subsect. *Platypetalae* × subsect. *Stenopetalae*).
- subsect. Platypetalae* H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 21(3): 741 (1989).
- nothosect. Serapiaria* H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 21(3): 741 (1989). (S. sect. *Bilamellaria* × sect. *Serapias*).
- subsect. Stenopetalae* H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 21(3): 741 (1989).
- cycladum* H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 21(3): 755 (1989)—Greece.
- × *cyprina* H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 21(3): 812 (1989)—Cyprus. (S. *bergonii* × *levantina*).
- erecta* C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 816 (1784)—Japan.†
- × *euxina* H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 21(3): 810 (1989)—Turkey. (S. *bergonii* × *feldwegiana*).
- falcata* C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 816 (1784)—Japan.†
- feldwegiana* H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 21(3): 763, 760 (1989)—Turkey.
- × *garganica* H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 21(3): 831 (1989)—Italy. (S. *orientalis* × *vomeracea*).
- gracilis* C.A.J. Kreutz in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 21(1): 116 (1989)—Spain, Portugal.
- ionica* (E. Nelson) H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 20(3): 625 (1988), as 'sp. nov.': S. *neglecta* subsp. *ionica*.
- levantina* H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 21(3): 766 (1989)—Israel, Syria, Lebanon, Turkey.
- lingua*
var. flavescens M. Balayer in *Bull. Soc. Bot. France, Lett. Bot.*, 133(3): 280 (1986)—France.
var. rubescens M. Balayer in *Bull. Soc. Bot. France, Lett. Bot.*, 133(3): 280 (1986)—France.
subsp. veneris M. Balayer in *Bull. Soc. Bot. France, Lett. Bot.*, 133(3): 279 (1986)—France.
- lorenziana* H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 21(3): 775, 770 (1989)—Morocco.
- nurrica*
f. chlorantha A. Scrugli & M.P. Grasso in *Inform. Bot. Ital.*, 17(1–3): 110 (1985 publ. 1986)—Sardinia.
- orientalis* (Greuter) H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 20(3): 636 (1988): S. *vomeracea* subsp. *orientalis*.
subsp. apulica H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 21(3): 779 (1989)—Italy.
subsp. carica H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 21(3): 782 (1989)—Turkey, Rhodes, East Aegean Is.
- × *oulmesiacca* H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 21(3): 821 (1989)—Morocco. (S. *lingua* × *lorenziana*).
- perez-chiscanoi* C. Acedo in *An. Jard. Bot. Madrid*, 47(2): 510 (1989 publ. 1990), nom. nov.: S. *viridis* Pérez Chiscano.
- × *provincialis* H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 21(3): 819 (1989)—France. (S. *cordigera* × *olbia*).
- vomeracea*
var. cordigeroides (Nelson) N.R. & A.K. Campbell in *Willdenowia*, 16(1): 54 (1986): S. *orientalis* var. *cordigeroides*.
subsp. flava M. Balayer in *Bull. Soc. Bot. France, Lett. Bot.*, 133(3): 280 (1986)—France.

SERAPIAS:—

- subsp. longipetala* (Ten.) H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 21(3): 796 (1989): *Helleborine longipetala*.
- × *wettsteinii*
nothosubsp. halicarnassia H. Baumann & S. Künkele in *Mitt. Arbeitskr. Heim. Orch. Baden-Württemberg*, 21(3): 815 (1989)—Turkey. (S. *bergonii* × *orientalis* subsp. *carica*).

SERENOA (Palmae).

- repens* (Bartram) J.K. Small in *J. New York Bot. Gard.*, 27(321): 193, 197 (1926): *Corypha repens*.

SERIPHIDIUM (Compos.).

- ser. Compacta* (Poljak.) Y.R. Ling & C.J. Humphries in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 121 (1988): *Artemisia ser. Compactae*.
- sect. Juncea* (Poljak.) Y.R. Ling & C.J. Humphries in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 122 (1988): *Artemisia sect. Junceum*.
- sect. Minchunensia* Y.R. Ling in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 122 (1988).
- ser. Pauciflora* (Poljak.) Y.R. Ling & C.J. Humphries in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 118 (1988): *Artemisia ser. Pauciflorae*.
- ser. Santolina* (Poljak.) Y.R. Ling & C.J. Humphries in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 119 (1988): *Artemisia ser. Santolinae*.
- ser. Sublessingiana* (Poljak.) Y.R. Ling & C.J. Humphries in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 119 (1988): *Artemisia ser. Sublessingianae*.
- ser. Valida* (Poljak.) Y.R. Ling & C.J. Humphries in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 117 (1988): *Artemisia ser. Validae*.
- barrelieri* (Bess.) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 22 (1983): *Artemisia barrelieri*.
- borotalense* (Poljak.) Ling & Y.R. Ling in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 120 (1988): *Artemisia borotalensis*.
- caerulescens* (L.) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 22 (1983): *Artemisia caerulescens*.
subsp. gallicum (Willd.) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 22 (1983): *Artemisia gallica*.
- dzevanovskiyi* (Leonova) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 22 (1983): *Artemisia dzevanovskiyi*.
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grazielae G.V. Somner in *Bradea*, 5(6): 63 (1988)—Brazil.
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morii P. Acevedo-Rodríguez in *Brittonia*, 40(3): 285 (1988)—Brazil.
schunkei P. Acevedo-Rodríguez in *Brittonia*, 40(3): 288 (1988)—Peru.
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flavescens
var. neglecta (Iljin) P. Cantó in *Lazaroa*, 6: 73 (1984 publ. 1985): S. *neglecta*.
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monardii
f. abulensis (Pau) P. Cantó in *Lazaroa*, 6: 56 (1984 publ. 1985): S. *abulensis*.
var. algarbiensis P. Cantó in *Lazaroa*, 6: 60 (1984 publ. 1985)—Portugal.
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effusa J.P. Rourke in *S. Afr. J. Bot.*, 56(4): 500 (1990)—South Africa (Cape Province).
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clusii (Sprengel) W. Greuter & Burdet in *Willdenowia*, 19(1): 47 (1989): *Reseda clusii*.
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- SESAMUM** (Pedaliac.).
calycinum
subsp. baumii (Stapf) Seidenst. ex H.-D. Ihlenfeldt in *Fl. Zambes.*, 8(3): 100 (1988): S. *baumii*.
subsp. pseudoangolense Seidenst. ex H.-D. Ihlenfeldt in *Fl. Zambes.*, 8(3): 100 (1988)—Zimbabwe.
subsp. repens (Engler & Gilg) U. Grabow-Seidensticker in *Mitt. Inst. Allg. Bot. Hamburg*, 22: 232 (1988): S. *repens*.
parviflorum U. Grabow-Seidensticker in *Mitt. Inst. Allg. Bot. Hamburg*, 22: 232 (1988)—Zaire.

SESBANIA (Legumin.).

coccinea

subsp. *atollensis* (St. John) M.-H. Sacht in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 9(1): 22 (1987): S. *atollensis*.
var. *atollensis* (St. John) M.-H. Sacht in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 9(1): 22 (1987): S. *atollensis*.

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var. *tuamotensis* (F. Brown) M.-H. Sacht in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 9(1): 24 (1987): S. *speciosa* var. *tuamotensis*.

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leptocarpa

var. *minimiflora* (Gillett) G.P. Lewis in *Kirkia*, 13(1): 39 (1988 publ. 1989): S. *mossambicensis* subsp. *minimiflora*.

mannii M.-H. Sacht in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 9(1): 13 (1987)—Hawaiian Is.

tetraptera

subsp. *rogersii* (Phill. & Hutch.) G.P. Lewis in *Kirkia*, 13(1): 50 (1988 publ. 1989): S. *rogersii*.

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elatum

subsp. *farrenyi* (Molero & Pujadas) O. de Bolòs & J. Vigo, *Fl. Paisos Catalans*, 2: 425 (1990): S. *farrenyi*.

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subsp. *gomarica* (Font Quer) Á.M. Romo in *Fontqueria*, 14: 12 (1987): S. *argentea* var. *gomarica*.

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adhaerens

var. *ambigua* (Guss.) A.L. Belo-Correia in *Rev. Biol.*, 13(1-4): 135 (1986-1987 publ. 1987), without basionym ref.; et in *Bol. Soc. Brot.*, 62: 290 (1989): *Panicum verticillatum* var. *ambiguum*.

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decipiens C. Schimper ex P. Ascherson, *Fl. Brandenburg*, 1: 809 (1864)—Locality not stated.

huzikeri A.M. Anton in *Kurtziana*, 17: 139 (1984)—Argentina.

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italica

subsp. *colchica* I.I. Maisaya & A.D. Gorgidze in *Soobshch. Akad. Nauk Gruz. SSR*, 119(3): 589 (1985), without type—? U.S.S.R. (Caucasus).

nana (Dumort.) B.D. Jackson in *Index Kewensis*, 2: 893 (1753-1885 publ. 1895): S. *viridis* * (subsp.) *nana*.

palmifolia

var. *blepharoneuron* (Anderss.) J.F. Veldkamp in *Floribunda*, 1(6): 22 (1988): *Panicum neurodes* var. *blepharoneuron*.

paraguayensis J.F. Pensiero in *Candollea*, 41(2): 469 (1986)—Paraguay.

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verticillata

f. *ambigua* (Gussone) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 529 (1987): *Panicum verticillatum* var. *ambiguum*.

viridis

subsp. *glareosa* (V. Petrov) G.A. Peshkova in *Fl. Sibir. (Poaceae)*, 2: 241 (1990): S. *glareosa*.

subsp. *minor* (Thunberg) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 529 (1987): *Panicum verticillatum* var. *β. minor*.

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subsp. *maritima* (Griseb.) J. Soják in *Čas. Nár. Muz. (Prague)*, 152(1): 22 (1983): S. *arvensis* var. *maritima*.

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chinensis

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fujianica Z.D. Zhu & H.Y. Zhou ex C.H. Hu, Q.F. Zheng & K.F. Huang in *Acta Phytotax. Sin.*, 26(2): 134 (1988)—China.

lanceifolia

f. *smaragdina* C.H. Hu in *Acta Phytotax. Sin.*, 26(2): 134 (1988)—China.

nanningensis Q.F. Zheng & K.F. Huang in *Acta Phytotax. Sin.*, 26(2): 135 (1988)—China.

tumidinoda T.H. Wen in *J. Bamboo Res.*, 7(1): 23 (1988)—China.

SHUTERIA (Legumin.).

involucrata

var. *vestita* (Wight & Arn.) H. Ohashi in *J. Jap. Bot.*, 63(4): 160 (1988): S. *vestita*.

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SIAMOSIA K. Larsen & T. Myndel Pedersen in *Nordic J. Bot.*, 7(3): 271 (1987). AMARANTHACEAE.

thailandica K. Larsen & T. Myndel Pedersen in *Nordic J. Bot.*, 7(3): 271 (1987)—Thailand.

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purpurea

var. *pentaphylla* (J. Krause) B.K. Dixit in *Bull. Bot. Soc. Bengal*, 38(1-2): 39 (1984 publ. 1987): S. *pentaphylla*.

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estevesii (Buining & Brederoo) P.J. Braun & E. Esteves Pereira in *Succulenta*, 69(1): 7 (1990): *Austrocephalocereus estevesii*.

subsp. *grandiflorus* (Diers & Esteves) P.J. Braun & E. Esteves Pereira in *Succulenta*, 69(1): 7 (1990): *Austrocephalocereus estevesii* subsp. *grandiflorus*.

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beccifer H. St. John in *Phytologia*, 64(1): 51 (1987)—Hawaiian Is.

cruralis H. St. John in *Phytologia*, 64(1): 51 (1987)—Hawaiian Is.

hawaiiensis H. St. John in *Phytologia*, 64(1): 51 (1987)—Hawaiian Is.

kaalaensis H. St. John in *Phytologia*, 64(1): 51 (1987)—Hawaiian Is.

kaenaensis H. St. John in *Phytologia*, 64(1): 51 (1987)—Hawaiian Is.

kalalaensis H. St. John in *Phytologia*, 64(1): 52 (1987)—Hawaiian Is.

kauaiensis H. St. John in *Phytologia*, 64(1): 52 (1987)—Hawaiian Is.

kilaueaensis H. St. John in *Phytologia*, 64(1): 52 (1987)—Hawaiian Is.

kipahuluensis H. St. John in *Phytologia*, 64(1): 52 (1987)—Hawaiian Is.

kokocrateris H. St. John in *Phytologia*, 64(1): 52 (1987)—Hawaiian Is.

konaensis H. St. John in *Phytologia*, 64(1): 52 (1987)—Hawaiian Is.

lanceoloides H. St. John in *Phytologia*, 64(1): 52 (1987)—Hawaiian Is.

lebishopii H. St. John in *Phytologia*, 64(1): 53 (1987)—Hawaiian Is.

mauiensis H. St. John in *Phytologia*, 64(1): 53 (1987)—Hawaiian Is.

molokaiensis H. St. John in *Phytologia*, 64(1): 53 (1987)—Hawaiian Is.

obatae H. St. John in *Phytologia*, 64(1): 53 (1987)—Hawaiian Is.

paucifragilis H. St. John in *Phytologia*, 64(1): 53 (1987)—Hawaiian Is.

protrusa H. St. John in *Phytologia*, 64(1): 54 (1987)—Hawaiian Is.

puberula H. St. John in *Phytologia*, 64(1): 54 (1987)—Hawaiian Is.

rockii H. St. John in *Phytologia*, 64(1): 54 (1987)—Hawaiian Is.

rostrata H. St. John in *Phytologia*, 64(1): 54 (1987)—Hawaiian Is.

saltuaris H. St. John in *Phytologia*, 64(1): 54 (1987)—Hawaiian Is.

umbellata H. St. John in *Phytologia*, 64(1): 54 (1987)—Hawaiian Is.

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anunu (H. St. John) I.R.H. Telford in *Phytologia*, 67(3): 211 (1989): S. *hillebrandii* var. *anunu*.

erotratus H. St. John in *Phytologia*, 63(3): 187 (1987)—Hawaiian Is.

var. *herbstii* H. St. John in *Phytologia*, 63(3): 187 (1987)—Hawaiian Is.

var. *kealiaensis* H. St. John in *Phytologia*, 63(3): 187 (1987)—Hawaiian Is.

var. *paucipilosus* H. St. John in *Phytologia*, 63(3): 187 (1987)—Hawaiian Is.

herbstii (H. St. John) I.R.H. Telford in *Phytologia*, 67(3): 210 (1989): *Cladocarpa herbstii*.

hillebrandii

var. *anunu* H. St. John in *Phytologia*, 63(3): 187 (1987)—Hawaiian Is.

var. *douglasii* H. St. John in *Phytologia*, 63(3): 187 (1987)—Hawaiian Is.

var. *lanaiensis* H. St. John in *Phytologia*, 63(3): 188 (1987)—Hawaiian Is.

microcarpus

var. *ewaensis* H. St. John in *Phytologia*, 63(3): 190 (1987)—Hawaiian Is.

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- var. forbesii* H. St. John in *Phytologia*, 63(3): 188 (1987)—Hawaiian Is.
var. haleakalaensis H. St. John in *Phytologia*, 63(3): 191 (1987)—Hawaiian Is.
var. kalaupapaensis H. St. John in *Phytologia*, 63(3): 188 (1987)—Hawaiian Is.
var. kamoaoensis H. St. John in *Phytologia*, 63(3): 189 (1987)—Hawaiian Is.
subsp. kanepuuensis H. St. John in *Phytologia*, 63(3): 189 (1987)—Hawaiian Is.
var. kauensis H. St. John in *Phytologia*, 63(3): 191 (1987)—Hawaiian Is.
var. kealiaensis H. St. John in *Phytologia*, 63(3): 189 (1987)—Hawaiian Is.
var. kilaueensis H. St. John in *Phytologia*, 63(3): 188 (1987)—Hawaiian Is.
var. koeleensis H. St. John in *Phytologia*, 63(3): 190 (1987)—Hawaiian Is.
var. koloaensis H. St. John in *Phytologia*, 63(3): 191 (1987)—Hawaiian Is.
subsp. lanaiensis H. St. John in *Phytologia*, 63(3): 189 (1987)—Hawaiian Is.
var. lanaiensis H. St. John in *Phytologia*, 63(3): 189 (1987)—Hawaiian Is.
subsp. laysanensis (St. John) H. St. John in *Phytologia*, 63(3): 190 (1987): S. laysanensis.
var. laysanensis (St. John) H. St. John in *Phytologia*, 63(3): 190 (1987): S. laysanensis.
var. meeboldii H. St. John in *Phytologia*, 63(3): 191 (1987)—Hawaiian Is.
var. obovoideis H. St. John in *Phytologia*, 63(3): 191 (1987)—Hawaiian Is.
var. oniniensis H. St. John in *Phytologia*, 63(3): 190 (1987)—Hawaiian Is.
var. pancensis H. St. John in *Phytologia*, 63(3): 188 (1987)—Hawaiian Is.
var. pohakeaensis H. St. John in *Phytologia*, 63(3): 188 (1987)—Hawaiian Is.
subsp. puberulus H. St. John in *Phytologia*, 63(3): 191 (1987)—Hawaiian Is.
var. trilobata H. St. John in *Phytologia*, 63(3): 190 (1987)—Hawaiian Is.
var. woolfordii H. St. John in *Phytologia*, 63(3): 189 (1987)—Hawaiian Is.
niger H. St. John in *Phytologia*, 63(3): 192 (1987)—Hawaiian Is.
waimanaloensis H. St. John in *Phytologia*, 63(3): 192 (1987)—Hawaiian Is.

SIDA (Malvac.)

- anodifolia* P.A. Fryxell in *Sida*, 12(1): 14 (1987)—Mexico.
arenicola S.T. Reynolds & A.E. Holland in *Austrobaileya*, 2(5): 463 (1988)—Australia (N. Terr., W. Australia).
argillacea A.E. Holland & S.T. Reynolds in *Austrobaileya*, 2(5): 465 (1988)—Australia (Queensland, N. Terr.).
asterocalyx S.T. Reynolds & A.E. Holland in *Austrobaileya*, 2(5): 463 (1988)—Australia (Queensland, W. Australia).
brachypoda A.E. Holland & S.T. Reynolds in *Austrobaileya*, 2(5): 459 (1988)—Australia (Queensland, N. Terr., W. Australia).
canariensis A.J. Cavaniilles in *Anales Ci. Nat.*, 3(7): 72 (1801)—Canary Is.
everistiana S.T. Reynolds & A.E. Holland in *Austrobaileya*, 2(5): 461 (1988)—Australia (Queensland, N. Terr.).
fastuosa P.A. Fryxell & S.D. Koch in *Aliso*, 11(4): 554 (1987)—Mexico.
fryxellii V.V. Sivaraman & A.K. Pradeep in *Kew Bull.*, 45(4): 725 (1990)—India.
massaica K. Vollesen in *Kew Bull.*, 41(1): 97 (1986)—Kenya, Tanzania.
michoacana P.A. Fryxell in *Sida*, 12(1): 16 (1987)—Mexico.
monticola P.A. Fryxell in *Sida*, 12(1): 18 (1987)—Mexico.
peruviana Lamarck, *Encycl.*, 1: 6 (1783)—Peru.
prolifera P.A. Fryxell & S.D. Koch in *Aliso*, 11(4): 556 (1987)—Mexico.
reflexa Lamarck, *Encycl.*, 1: 6 (1783)—Locality not stated.
rohlena
var. mutica (Benth.) P.A. Fryxell in *Sida*, 12(1): 26 (1987): S. cordifolia var. mutica.

SIDA :-

- shinyangensis* K. Vollesen in *Kew Bull.*, 41(1): 97 (1986)—Tanzania.
tanaensis K. Vollesen in *Kew Bull.*, 41(1): 95 (1986)—Kenya.
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algarviensis D. Rivera Núñez & C. Obón de Castro in *An. Jard. Bot. Madrid*, 47(2): 500 (1989 publ. 1990)—Portugal.
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altiatlantica (Font Quer) J.B. Peris, G. Stübing & R. Figuerola in *Bot. J. Linn. Soc.*, 103(1): 21 (1990): S. incana var. altiatlantica.
antiatlantica (Maire) M. Rejdali in *Bot. J. Linn. Soc.*, 96(4): 347 (1988): S. ochroleuca var. antiatlantica.
arborescens
var. antiatlantica (Maire) A. Dobignard in *Saussurea*, 19: 108 (1988 publ. 1989): S. ochroleuca var. antiatlantica.
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×edetana Pau ex J.B. Peris, R. Figuerola & G. Stübing in *Bot. J. Linn. Soc.*, 103(1): 33 (1990), contrary to Art. H5.2 ICBN (1988)—Spain. (S. incana subsp. virgata × sericea).
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subsp. talaverana O. Socorro, L. Cano & M.C. Espinar in *Acta Bot. Malacitana*, 13: 168 (1988), nom. nov.: S. lagascana Willk.
gomeræa
subsp. perezii M.L. Negrin-Sosa in *Vieraea*, 16(1-2): 273 (1986)—Canary Is.
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incana
var. spinulosa (Font Quer) Rivas Goday & Borja ex D. Sánchez-Mata in *Lazaroa*, 6: 305 (1984 publ. 1985): S. incana subvar. spinulosa.
leucantha
subsp. bourgeana (Boissier) F. Alcaraz, M. Peinado, J.M. Martínez-Parra, J.S. Carrión & P. Sánchez-Gómez in *Acta Bot. Malacitana*, 12: 246 (1987): S. bourgeana.
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var. aemiliae (Font Quer) A.M. Romo in *Collect. Bot.*, 18: 154 (1990): S. × viciosoi var. aemiliae.
var. affinis (Font Quer) A.M. Romo in *Collect. Bot.*, 18: 154 (1990): S. × viciosoi var. affinis.
var. stricta (Font Quer) A.M. Romo in *Collect. Bot.*, 18: 154 (1990): S. × viciosoi var. stricta.
nothosubsp. viciosoi (Pau) A.M. Romo in *Collect. Bot.*, 18: 154 (1990): S. × viciosoi.
occidentalis (Font Quer) J.B. Peris, G. Stübing & R. Figuerola in *Bot. J. Linn. Soc.*, 103(1): 32 (1990): S. incana var. occidentalis.
oromarocana J.B. Peris, G. Stübing & R. Figuerola in *Bot. J. Linn. Soc.*, 103(1): 16 (1990), nom. nov.: S. incana var. tomentosa Batt. & Pitard.
osteoxylla (Pau) F. Alcaraz, M. Peinado, J.M. Martínez-Parra, J.S. Carrión & P. Sánchez-Gómez in *Acta Bot. Malacitana*, 12: 246 (1987): S. almeriensis var. osteoxylla.
×pau
nothosubsp. enguerana M.B. Crespo & G. Mateo in *Collect. Bot.*, 18: 94 (1990)—Spain. (S. hirsuta × incana subsp. virgata).

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×robusta (Font Quer) J.B. Peris, R. Figuerola & G. Stübing in *Bot. J. Linn. Soc.*, 103(1): 35 (1990), contrary to Art. H5.2 ICBN (1988): S. incana var. robusta. (S. guyoniana × incana subsp. virgata).
romana
var. lazae O. Socorro, I. Tárrega & M.L. Zafra in *Lagascalia*, 14(1): 98 (1986)—Spain.
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SIDEROXYLON (Sapotac.).
acunae (Borhidi) T.D. Pennington in *Fl. Neotrop.*, 52: 147 (1990): Bumelia acunae.
altamiranoi (Rose & Standley) T.D. Pennington in *Fl. Neotrop.*, 52: 167 (1990): Bumelia altamiranoi.
americanum (Miller) T.D. Pennington in *Fl. Neotrop.*, 52: 118 (1990): Maurocena americana.
angustum T.D. Pennington in *Fl. Neotrop.*, 52: 147 (1990), nom. nov.: Bumelia revoluta Urban.
anomalum (Urban) T.D. Pennington in *Fl. Neotrop.*, 52: 123 (1990): Dipholis anomala.
bullatum (Howard & Proctor) T.D. Pennington in *Fl. Neotrop.*, 52: 138 (1990): Dipholis bullata.
capiri
subsp. tempisque (Pittier) T.D. Pennington in *Fl. Neotrop.*, 52: 158 (1990): Sideroxylon tempisque.
cartilagineum (Cronquist) T.D. Pennington in *Fl. Neotrop.*, 52: 108 (1990): Bumelia cartilaginea.
ceastrinum (Kunth) T.D. Pennington in *Fl. Neotrop.*, 52: 123 (1990): Bumelia caestrina.
contrerasii (Lundell) T.D. Pennington in *Fl. Neotrop.*, 52: 135 (1990): Bumelia contrerasii.
cubense (Grisebach) T.D. Pennington in *Fl. Neotrop.*, 52: 129 (1990): Bumelia cubensis.
dominicanum (Whetstone & Atkinson) T.D. Pennington in *Fl. Neotrop.*, 52: 148 (1990): Bumelia dominicana.
durifolium (Standley) T.D. Pennington in *Fl. Neotrop.*, 52: 152 (1990): Dipholis durifolia.
eriocarpum (Greenman & Conzatti) T.D. Pennington in *Fl. Neotrop.*, 52: 108 (1990): Bumelia eriocarpa.
eucoriaceum (Lundell) T.D. Pennington in *Fl. Neotrop.*, 52: 143 (1990): Mastichodendron eucoriaceum.
eucuneifolium (Lundell) T.D. Pennington in *Fl. Neotrop.*, 52: 171 (1990): Mastichodendron eucuneifolium.
excavatum T.D. Pennington in *Fl. Neotrop.*, 52: 154 (1990)—Mexico.
floribundum
subsp. belizense (Lundell) T.D. Pennington in *Fl. Neotrop.*, 52: 162 (1990): S. belizense.
foetidissimum
subsp. gaumeri (Pittier) T.D. Pennington in *Fl. Neotrop.*, 52: 164 (1990): S. gaumeri.
hirtiantherum T.D. Pennington in *Fl. Neotrop.*, 52: 153 (1990), nom. nov.: Mastichodendron parviflorum Lundell.
horridum (Grisebach) T.D. Pennington in *Fl. Neotrop.*, 52: 127 (1990): Bumelia horrida.
ibarrae (Lundell) T.D. Pennington in *Fl. Neotrop.*, 52: 133 (1990): Bumelia ibarrae.
jubilla (Ekman ex Urban) T.D. Pennington in *Fl. Neotrop.*, 52: 137 (1990): Dipholis jubilla.
lanuginosum
subsp. albicans (Sarg.) J.T. Kartesz & K.N. Gandhi in *Phytologia*, 68(6): 425 (1990): Bumelia lanuginosa var. albicans.
subsp. oblongifolium (Nuttall) T.D. Pennington in *Fl. Neotrop.*, 52: 169 (1990): Bumelia oblongifolia.
subsp. rigidum (A. Gray) T.D. Pennington in *Fl. Neotrop.*, 52: 169 (1990): Bumelia lanuginosa var. rigidum.
montanum (Swartz) T.D. Pennington in *Fl. Neotrop.*, 52: 137 (1990): Bumelia montana.
obtusifolium (Roemer & Schultes) T.D. Pennington in *Fl. Neotrop.*, 52: 114 (1990): Bumelia obtusifolia.
subsp. buxifolium (Roemer & Schultes) T.D. Pennington in *Fl. Neotrop.*, 52: 116 (1990): Bumelia buxifolia.
occidentale (Hemsley) T.D. Pennington in *Fl. Neotrop.*, 52: 125 (1990): Bumelia occidentalis.

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 palmeri (Rose) T.D. Pennington in *Fl. Neotrop.*, 52: 104 (1990): Bumelia palmeri.
 peninsulare (Brandegee) T.D. Pennington in *Fl. Neotrop.*, 52: 105 (1990): Bumelia peninsularis.
 persimile (Hemsley) T.D. Pennington in *Fl. Neotrop.*, 52: 102 (1990): Bumelia persimilis.
 subsp. subsessiliflorum (Hemsley) T.D. Pennington in *Fl. Neotrop.*, 52: 103 (1990): Bumelia subsessiliflora.
 picardae (Urban) T.D. Pennington in *Fl. Neotrop.*, 52: 126 (1990): Bumelia picardae.
 portoricense
 subsp. minutiflorum (Pittier) T.D. Pennington in *Fl. Neotrop.*, 52: 142 (1990): Dipholis minutiflora.
 reclinatam
 subsp. austrofloridense (Whetstone) J.T. Kartesz & K.N. Gandhi in *Phytologia*, 68(6): 425 (1990): Bumelia reclinata var. austrofloridensis.
 subsp. rufotomentosum (Small) J.T. Kartesz & K.N. Gandhi in *Phytologia*, 68(6): 425 (1990): Bumelia rufotomentosa.
 repens (Urban & Ekman) T.D. Pennington in *Fl. Neotrop.*, 52: 131 (1990): Dipholis repens.
 retinerve T.D. Pennington in *Fl. Neotrop.*, 52: 153 (1990), nom. nov.: Bumelia hondurensis Lundell.
 rotundifolium (Swartz) T.D. Pennington in *Fl. Neotrop.*, 52: 120 (1990): Bumelia rotundifolia.
 rubiginosum T.D. Pennington in *Fl. Neotrop.*, 52: 148 (1990), nom. nov.: Dipholis sericea Cronquist.
 socorrense (Brandegee) T.D. Pennington in *Fl. Neotrop.*, 52: 107 (1990): Bumelia socorrensis.
 stenospermum (Standley) T.D. Pennington in *Fl. Neotrop.*, 52: 109 (1990): Bumelia stenosperma.
 stevensonii (Standley) T.D. Pennington in *Fl. Neotrop.*, 52: 131 (1990): Dipholis stevensonii.
 tepicense (Standley) T.D. Pennington in *Fl. Neotrop.*, 52: 159 (1990): Chrysophyllum tepicense.
 thornei (Cronquist) T.D. Pennington in *Fl. Neotrop.*, 52: 170 (1990): Bumelia thornei.
 verruculosum (Cronquist) T.D. Pennington in *Fl. Neotrop.*, 52: 145 (1990): Bumelia verruculosa.

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 herrenhusana R. Jenny in *Orchidee*, 37(2): 78 (1986)—Ecuador.

SIEVERSA (Rosac.).

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SIGESBECKIA (Compos.).

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 australiensis D.L. Schulz in *Gleditschia*, 15(2): 208 (1987)—Australia (S. Australia, New South Wales, N. Terr., W. Australia, Victoria).
 bogotensis D.L. Schulz in *Haussknechtia, Mitt. Thüring. Bot. Ges.*, 3: 61 (1987)—Colombia, Venezuela.
 pringlei D.L. Schulz in *Haussknechtia, Mitt. Thüring. Bot. Ges.*, 4: 28 (1988)—Mexico.
 subsp. tuerckheimii D.L. Schulz in *Haussknechtia, Mitt. Thüring. Bot. Ges.*, 4: 29 (1988)—Hispaniola (Dominican Republic, Haiti).

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SILENE (Caryophyllac.).

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 subsect. Echinatae C.L. Tang in *Acta Bot. Yunnanica*, 9(1): 32 (1987).
 sect. Lychnidiformes V. Melzheimer in *Fl. Iran.*, 163: 478 (1988).
 sect. Nicaeenses (Rohrb.) S. Talavera in *An. Jard. Bot. Madrid*, 45(1): 361 (1988): S. ser. Nicaeenses.

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 alba
 var. crassifolia (Lge.) A.R. Pinto da Silva in *Bol. Soc. Brot.*, 60: 152 (1987): Melandrium pratense var. crassifolium.
 var. rothmaleriana A.R. Pinto da Silva in *Bol. Soc. Brot.*, 60: 153 (1987), nom. nov.: Melandrium marizianum Gandoger.
 alexandrina (Ascherson) A. Danin in *Israel J. Bot.*, 36(2): 65 (1987): S. apetala var. alexandrina.
 antri-jovis W. Greuter & Burdet in *Willdenowia*, 16(2): 440 (1987), nom. nov.: S. fruticulosa Otth.
 asclepiadea
 var. dumicola (W.W. Smith) C.L. Tang in *Acta Bot. Yunnanica*, 9(1): 28 (1987): S. dumicola.
 baldaccii (F. Rohlens) A.W. Hill in *Index Kewensis*, Supp. 6: 194 (1916–1920 publ. 1926): S. otites var. baldaccii.
 boullui (Rouy & Fouc.) M. Kerguelen in *Lejeunia*, 120: 163 (1987): S. mirabilis subsp. boullui.
 brevicalyx P. Hartvig & A. Strid in *Bot. Jahrb.*, 108(2–3): 323 (1987)—Turkey.
 bupleuroides
 subsp. solenocalyx (Boiss. & Huet) V. Melzheimer in *Fl. Iran.*, 163: 399 (1988): S. bupleuroides var. solenocalyx.
 colpophylla F. Wrigley in *Ann. Bot. Fenn.*, 23(1): 77 (1986)—France.
 commelinifolia
 var. ovatifolia V. Melzheimer in *Fl. Iran.*, 163: 461 (1988)—Iran, Iraq.
 decumbens Hornem., *Hort. Hafn.*: 415 (1813); cf. D.J. Mabberley in *Taxon*, 33(3): 437 (1984)—Locality not stated.
 dioica
 var. glandulosa (Brügger) M. Kerguelen in *Lejeunia*, 120: 163 (1987): Lychnis diurna var. glandulosa.
 fabaria
 subsp. thebana (Orph. ex Boiss.) V. Melzheimer in *Pl. Syst. Evol.*, 155(1–4): 252 (1987): S. thebana.
 firma
 var. pubescens (Makino) S.Y. He in *Fl. Beijing*, 1: 209 (1984), without basionym ref.: S. firma f. pubescens.
 fissicalyx G. Bocquet & A.O. Chater in *Enum. Fl. Pl. Nepal*, 2: 55 (1979)—Nepal.
 foetida
 subsp. gayana S. Talavera in *An. Jard. Bot. Madrid*, 45(1): 362 (1988), nom. nov.: S. macrorrhiza Gay & Durieu ex Lacaita.
 fortunei
 var. kiruninsularis (Masamune) S.S. Ying, *Colour. Illustr. Pl. Taiwan*, Pt. 4: *Colour. Illustr. Herbac. Pl. Taiwan*, Vol. 1: 128 (1980): S. kiruninsularis.
 gallica
 var. giraldui (Guss.) S.M. Walters in *Bot. J. Linn. Soc.*, 97(4): 341 (1988): S. giraldui.
 griffithii
 subsp. kunarensis V. Melzheimer in *Fl. Iran.*, 163: 478 (1988)—Afghanistan.
 guntensis
 subsp. pistillaris K.H. Rechinger & V. Melzheimer in *Fl. Iran.*, 163: 455 (1988)—Afghanistan.
 gynodioica
 subsp. glandulosa V. Melzheimer in *Fl. Iran.*, 163: 423 (1988)—Iran, U.S.S.R. (Middle Asia).
 subsp. peduncularis (Fenzl ex Boiss.) V. Melzheimer in *Fl. Iran.*, 163: 422 (1988): S. nodulosa var. peduncularis.
 holosteifolia G. Bocquet & A.O. Chater in *Enum. Fl. Pl. Nepal*, 2: 55 (1979)—Nepal.
 ibosii
 subsp. grosiana (Pau & Font Quer) J. Fernández Casas in *Fontqueria*, 1: 9 (1982): S. grosiana.
 inaperta
 subsp. serpentinicola S. Talavera in *An. Jard. Bot. Madrid*, 45(1): 361 (1988)—Spain.
 indica
 var. cashmeriana (Royle ex Benth.) Y. Nasir in *Fl. Pakistan*, 175: 71 (1986): Lychnis cashmeriana.
 var. edgeworthii (Bocquet) Y. Nasir in *Fl. Pakistan*, 175: 70 (1986): Silene edgeworthii.
 integripetala
 subsp. greuteri (Phitos) J.R. Akeroyd in *Bot. J. Linn. Soc.*, 97(4): 341 (1988): S. greuteri.

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- jeniseensis
 subsp. popovii V.V. Zuev in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 95(1): 99 (1990)—U.S.S.R. (Siberia).
 var. latifolia (Turcz.) Y.Z. Zhao in *Acta Sci. Nat. Univ. Intramongolicae*, 16(4): 597 (1985), without basionym ref.: Basionym not stated.
 jugorum (F.N. Williams) G. Bocquet & A.O. Chater in *Enum. Fl. Pl. Nepal*, 2: 56 (1979), isonym; see N.C. Majumdar in *Bull. Bot. Surv. India*, 15(1–2): 39 (1973 publ. 1976): Melandrium jugorum.
 kirgisensis M.S. Baitenov & Nelina in *Izv. Akad. Nauk Kaz. SSR, Biol.*, 1990(4): 84 (1990)—U.S.S.R. (Middle Asia).
 latifolia
 subsp. persica (Boiss. & Buhse) V. Melzheimer in *Fl. Iran.*, 163: 473 (1988): Melandrium eriocalycinum var. persicum.
 littorea
 subsp. nana (Camb.) O. de Bolos & J. Vigo, *Fl. Paisos Catalans*, 2: 733 (1990): S. villosa var. nana.
 marschallii
 subsp. sahendica (Boiss. & Buhse) V. Melzheimer in *Fl. Iran.*, 163: 388 (1988): S. sahendica.
 meyeri
 subsp. persica (Boiss.) V. Melzheimer in *Fl. Iran.*, 163: 444 (1988): S. meyeri var. persica.
 morrisonmontana
 var. transalpina (Hayata) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 1: 494 (1985): Melandrium transalpinum.
 multifurcata C.L. Tang in *Acta Phytotax. Sin.*, 24(5): 391 (1986)—Xizang.
 odontopetala
 subsp. congesta (Boiss.) V. Melzheimer in *Fl. Iran.*, 163: 376 (1988): S. odontopetala var. congesta.
 otites
 subsp. hungarica F. Wrigley in *Ann. Bot. Fenn.*, 23(1): 74 (1986)—Hungary, Austria, Czechoslovakia.
 ovalifolia (Regel & Schmalh.) V. Melzheimer in *Fl. Iran.*, 163: 476 (1988): Melandrium ovalifolium.
 perlmanii W.L. Wagner, D.R. Herbst & S.H. Sohmer in *Bishop Mus. Occas. Pap.*, 29: 94 (1989)—Hawaiian Is.
 physocalycina (Hausskn. & Bornm.) V. Melzheimer in *Fl. Iran.*, 163: 470 (1988): Melandrium physocalycinum.
 pseudocashmeriana G. Bocquet & A.O. Chater in *Enum. Fl. Pl. Nepal*, 2: 56 (1979)—Nepal.
 repens
 var. xilingensis Y.Z. Zhao in *Acta Sci. Nat. Univ. Intramongolicae*, 16(4): 595 (1985)—China.
 retzdorffiana
 subsp. nikolicii A. Seliger & T. Wraber in *Biol. Vestn.*, 35(2): 97 (1987)—Yugoslavia.
 scabriflora
 subsp. gallaeca S. Talavera in *An. Jard. Bot. Madrid*, 45(1): 361 (1988)—Spain.
 subsp. macrocalycina S. Talavera in *An. Jard. Bot. Madrid*, 45(1): 361 (1988)—Spain.
 subsp. megacalycina S. Talavera in *Fl. Iberica*, 2: 330 (1990), nom. nov.: S. scabriflora subsp. macrocalycina Talavera.
 subsp. tuberculata (Ball) S. Talavera in *Lagascalia*, 14(1): 131 (1986): S. hirsuta var. tuberculata.
 seoulensis
 var. angustata C.L. Tang in *Acta Phytotax. Sin.*, 24(5): 391 (1986)—China.
 sericata C.L. Tang in *Acta Phytotax. Sin.*, 24(5): 389 (1986)—China.
 stellariifolia G. Bocquet & A.O. Chater in *Enum. Fl. Pl. Nepal*, 2: 56 (1979)—Nepal.
 suavis Schrad., *Ind. Sem. Hort. Acad. Gott.*, 1835: 6 (1835); *Linnaea* 11, *Lit.*: 90 (1837); cf. D.J. Mabberley in *Taxon*, 32(1): 86 (1983)—Locality not stated.
 tenorii Schrad., *Ind. Sem. Hort. Acad. Gott.*, 1821: 4 (1821); cf. D.J. Mabberley in *Taxon*, 32(1): 86 (1983)—Locality not stated.
 tubiformis C.L. Tang in *Acta Phytotax. Sin.*, 24(5): 387 (1986)—China.
 uniflora
 subsp. cratericola (Franco) J. do Amaral Franco in *Ann. Bot. Fenn.*, 23(1): 91 (1986): S. vulgaris subsp. cratericola.

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- subsp. glareosa* (Jordan) A.O. Chater & S.M. Walters in *Bot. J. Linn. Soc.*, 103(3): 216 (1990); *S. glareosa*.
var. montana (Arrondeau) M. Kerguelen in *Soc. Ech. Pl. Vasc. Eur. Bassin Médit. Bull.*, 21: 51 (1986); *S. montana*.
subsp. prostrata (Gaudin) A.O. Chater & S.M. Walters in *Bot. J. Linn. Soc.*, 103(3): 215 (1990); *S. inflata* subsp. *prostrata*.
velebitica (Degen) F. Wrigley in *Ann. Bot. Fenn.*, 23(1): 70 (1986); *S. oites* subsp. *velebitica*.
viscosa
subsp. quadriloba (Trautv.) V. Melzheimer in *Fl. Iran.*, 163: 489 (1988); *S. viscosa* var. *quadriloba*.
vlolkii D. Masson in *Candollea*, 44(2): 485 (1989)—South Africa (Cape Province).
yarmalii
var. gillii V. Melzheimer in *Fl. Iran.*, 163: 459 (1988)—Afghanistan.

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- wasiotensis* M.E. Medley in *Sida*, 13(3): 285 (1989)—U.S.A. (Kentucky).

SIMABA (Simaroubac.).

- polyphylla* (Cavalcante) W.W. Thomas in *Acta Amazonica*, 15(1-2) Suppl.: 76 (1985 publ. 1987); *S. guianensis* subsp. *polyphylla*.

SIMIRA (Rubiace.).

- ignicola* J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 75(3): 1086 (1988)—Venezuela.

SINAPIS (Crucif.).

- cernua* C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 602 (1784)—Japan.†
japonica C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 602 (1784)—Japan.†
viminea (L.) Lag., *Elenchus*: 15 (1816); cf. D.J. Mabberley in *Taxon*, 31(1): 72 (1982); Basionym not stated.

SINARUNDINARIA (Gramin.).

- sect. Chimonocalamus* (Hsueh & Yi) C.S. Chao & S.A. Renvoize in *Kew Bull.*, 44(2): 353 (1989); gen. *Chimonocalamus*.
alpina (K. Schum.) C.S. Chao & S.A. Renvoize in *Kew Bull.*, 44(2): 361 (1989); *Arundinaria alpina*.
anceps (Mitf.) C.S. Chao & S.A. Renvoize in *Kew Bull.*, 44(2): 359 (1989); *Arundinaria anceps*.
burmaensis C.S. Chao & S.A. Renvoize in *Kew Bull.*, 43(3): 409 (1988)—Burma.
debilis (Thwaites) C.S. Chao & S.A. Renvoize in *Kew Bull.*, 44(2): 355 (1989); *Arundinaria debilis*.
densifolia (Munro) C.S. Chao & S.A. Renvoize in *Kew Bull.*, 44(2): 354 (1989); *Arundinaria densifolia*.
elegans (Kurz) C.S. Chao & S.A. Renvoize in *Kew Bull.*, 44(2): 357 (1989); *Arundinaria elegans*.
falcata (Nees) C.S. Chao & S.A. Renvoize in *Kew Bull.*, 44(2): 357 (1989); *Arundinaria falcata*.
floribunda (Thwaites) C.S. Chao & S.A. Renvoize in *Kew Bull.*, 44(2): 356 (1989); *Arundinaria floribunda*.
gallatlyi (Gamble) C.S. Chao & S.A. Renvoize in *Kew Bull.*, 44(2): 354 (1989); *Arundinaria gallatlyi*.
griffithiana (Munro) C.S. Chao & S.A. Renvoize in *Kew Bull.*, 44(2): 353 (1989); *Arundinaria griffithiana*.
hirsuta (Munro) C.S. Chao & S.A. Renvoize in *Kew Bull.*, 44(2): 355 (1989); *Arundinaria hirsuta*.
hookeriana (Munro) C.S. Chao & S.A. Renvoize in *Kew Bull.*, 44(2): 358 (1989); *Arundinaria hookeriana*.
humbertii (A. Camus) C.S. Chao & S.A. Renvoize in *Kew Bull.*, 44(2): 362 (1989); *Arundinaria humbertii*.
intermedia (Munro) C.S. Chao & S.A. Renvoize in *Kew Bull.*, 44(2): 357 (1989); *Arundinaria intermedia*.
longispiculata C.S. Chao & S.A. Renvoize in *Kew Bull.*, 43(3): 411 (1988)—Assam.
longiuscula J.R. Xue & Y.Y. Dai in *J. Bamboo Res.*, 6(2): 19 (1987)—China.
madagascariensis (A. Camus) C.S. Chao & S.A. Renvoize in *Kew Bull.*, 44(2): 362 (1989); *Arundinaria madagascariensis*.

SINARUNDINARIA :-

- maling* (Gamble) C.S. Chao & S.A. Renvoize in *Kew Bull.*, 44(2): 356 (1989); *Arundinaria maling*.
microphylla (Munro) C.S. Chao & S.A. Renvoize in *Kew Bull.*, 44(2): 354 (1989); *Arundinaria microphylla*.
pantlingii (Gamble) C.S. Chao & S.A. Renvoize in *Kew Bull.*, 44(2): 359 (1989); *Arundinaria pantlingii*.
petelotii (A. Camus) Nguyen To Quyen in *Bot. Zhurn.*, 75(2): 225 (1990); *Arundinaria petelotii*.
polystachya (Gamble) C.S. Chao & S.A. Renvoize in *Kew Bull.*, 44(2): 359 (1989); *Arundinaria polystachya*.
rolloana (Gamble) C.S. Chao & S.A. Renvoize in *Kew Bull.*, 44(2): 355 (1989); *Arundinaria rolloana*.
schmidiana (A. Camus) C.S. Chao & S.A. Renvoize in *Kew Bull.*, 44(2): 360 (1989); *Arundinaria schmidiana*.
schmidiana (A. Camus) Nguyen To Quyen in *Bot. Zhurn.*, 75(2): 225 (1990), isonym: *Arundinaria schmidiana*.
walkeriana (Munro) C.S. Chao & S.A. Renvoize in *Kew Bull.*, 44(2): 354 (1989); *Arundinaria walkeriana*.
wightiana (Nees) C.S. Chao & S.A. Renvoize in *Kew Bull.*, 44(2): 356 (1989); *Arundinaria wightiana*.
yunnanensis (Hsueh & Yi) J.R. Xue & D.Z. Li in *J. Bamboo Res.*, 6(2): 21 (1987); *Fargesia yunnanensis*.

SINCLAIRIA (Compos.).

- sect. Liabellum* (Rydb.) B.L. Turner in *Phytologia*, 67(2): 201 (1989); gen. *Liabellum*.
subgen. Megaliabum (Rydb.) B.L. Turner in *Phytologia*, 67(2): 197 (1989); gen. *Megaliabum*.
angustissima (A. Gray) B.L. Turner in *Phytologia*, 67(2): 205 (1989); *Liabum angustissimum*.
cervina (B.L. Robins.) B.L. Turner in *Phytologia*, 67(2): 204 (1989); *Liabum cervinum*.
gentryi (H. Robins.) B.L. Turner in *Phytologia*, 67(2): 204 (1989); *Liabellum gentryi*.
glabra
var. hypoleuca (Greenm.) B.L. Turner in *Phytologia*, 67(2): 180 (1989); *Liabum glabrum* var. *hypoleucum*.
var. minor B.L. Turner in *Phytologia*, 67(2): 182 (1989)—Mexico.
hintoniorum B.L. Turner in *Phytologia*, 67(2): 201 (1989)—Mexico.
palmeri (A. Gray) B.L. Turner in *Phytologia*, 67(2): 203 (1989); *Liabum palmeri*.

SINNINGIA (Gesneriac.).

- calcaria* (Dusen ex Malme) A. Chautems in *Candollea*, 45(1): 381 (1990); *Corytholoma calcareum*.
cochlearis (Hook.) A. Chautems in *Candollea*, 45(1): 382 (1990); *Gesneria cochlearis*.
curtiflora (Malme) A. Chautems in *Candollea*, 45(1): 382 (1990); *Corytholoma curtiflorum*.
defoliata (Malme) A. Chautems in *Candollea*, 45(1): 382 (1990); *Corytholoma defoliata*.
douglasii (Lindl.) A. Chautems in *Candollea*, 45(1): 382 (1990); *Gesneria douglasii*.
elator (Kunth) A. Chautems in *Candollea*, 45(1): 383 (1990); *Gesneria elator*.
gigantifolia A. Chautems in *Candollea*, 45(1): 384 (1990), nom. nov.; *Gesneria discolor* Lindl.
glazioviana (Fritsch) A. Chautems in *Candollea*, 45(1): 385 (1990); *Corytholoma glaziovianum*.
insularis (Hoehne) A. Chautems in *Candollea*, 45(1): 385 (1990); *Reichsteineria insularis*.
lateritia (Lindl.) A. Chautems in *Candollea*, 45(1): 385 (1990); *Gesneria lateritia*.
leopoldii (Scheidw. ex Planch.) A. Chautems in *Candollea*, 45(1): 385 (1990); *Gesneria leopoldii*.
lineata (Hjelm.) A. Chautems in *Candollea*, 45(1): 385 (1990); *Reichsteineria lineata*.
macrostachya (Lindl.) A. Chautems in *Candollea*, 45(1): 386 (1990); *Gesneria macrostachya*.
piresiana (Hoehne) A. Chautems in *Candollea*, 45(1): 386 (1990); *Reichsteineria piresiana*.
reitzii (Hoehne) L.E. Skog in *Gloxinian*, 37(1): 35 (1987); *Reichsteineria reitzii*.
schomburgkiana (Kunth & Bouché) A. Chautems in *Candollea*, 45(1): 386 (1990); *G. schomburgkiana*.
warmingii (Hiern) A. Chautems in *Candollea*, 45(1): 386 (1990); *Gesneria warmingii*.

- SINOBACOPA** D.Y. Hong in *Acta Phytotax. Sin.*, 25(5): 393 (1987). **SCROPHULARIACEAE**.
aquatica D.Y. Hong in *Acta Phytotax. Sin.*, 25(5): 395 (1987)—Hainan, China.

SINOBAMBUSA (Gramin.).

- dushanensis* (C.D. Chu & J.G. Zhang) T.H. Wen in *J. Bamboo Res.*, 6(3): 33 (1987); *Arundinaria dushanensis*.
exaurita W.T. Lin in *Acta Phytotax. Sin.*, 26(3): 228 (1988)—China.
fimbriata T.H. Wen in *J. Bamboo Res.*, 7(1): 25 (1988)—China.
nandanensis T.H. Wen in *J. Bamboo Res.*, 6(3): 29 (1987)—China.
parvifolia T.H. Wen & S.Y. Chen in *J. Bamboo Res.*, 6(3): 31 (1987), as 'parvofolia'—China.
sat (Balansa) C.S. Chao & S.A. Renvoize in *Kew Bull.*, 44(2): 366 (1989); *Arundinaria sat*.

SINOCALAMUS (Gramin.).

- bachthaiensis* Nguyen To Quyen in *Bot. Zhurn.*, 75(2): 222 (1990)—Vietnam.
flagellifer (Munro) Nguyen To Quyen in *Bot. Zhurn.*, 74(11): 1662 (1989); *Dendrocalamus flagellifer*.
hamiltonii (Nees & Arn. ex Munro) Nguyen To Quyen in *Bot. Zhurn.*, 74(11): 1662 (1989); *Dendrocalamus hamiltonii*.
hookeri (Munro) Nguyen To Quyen in *Bot. Zhurn.*, 74(11): 1662 (1989); *Dendrocalamus hookeri*.
longifimbriatus (Gamble) Nguyen To Quyen in *Bot. Zhurn.*, 74(11): 1662 (1989); *Dendrocalamus longifimbriatus*.
maiensis Nguyen To Quyen in *Bot. Zhurn.*, 75(2): 224 (1990)—Vietnam.
nudus (Pilg.) Nguyen To Quyen in *Bot. Zhurn.*, 74(11): 1662 (1989); *Dendrocalamus nudus*.
patellaris (Gamble) Nguyen To Quyen in *Bot. Zhurn.*, 74(11): 1662 (1989); *Dendrocalamus patellaris*.
rugosiglumis Nguyen To Quyen in *Bot. Zhurn.*, 74(11): 1662 (1989)—Vietnam.
sang Nguyen To Quyen in *Bot. Zhurn.*, 75(2): 223 (1990)—Vietnam.
yentuensis Nguyen To Quyen in *Bot. Zhurn.*, 75(2): 223 (1990)—Vietnam.

SINOCARUM (Umbellif.).

- bijiangense* S.L. Liou in *Acta Phytotax. Sin.*, 28(2): 149 (1990)—China.

SINODIELSIA (Umbellif.).

- digitata* E.V. Klyukov in *Feddes Repert.*, 97(11-12): 756 (1986)—Bhutan.
microloba E.V. Klyukov in *Feddes Repert.*, 97(11-12): 757 (1986)—Xizang.

SINOJOHNSTONIA (Boraginac.).

- chekiangensis* (Migo) W.T. Wang ex Z.Y. Zhang in *Fl. Tsinlingensis*, 1(4): 186 (1983); *Omphalodes chekiangensis*.
moupinensis (Franch.) W.T. Wang ex Z.Y. Zhang in *Fl. Tsinlingensis*, 1(4): 185 (1983); *Omphalodes moupinensis*.

SINOPODOPHYLLUM (Berberidac.).

- emodi* T.S. Ying in *Acta Phytotax. Sin.*, 17(1): 16 (1979), as 'comb. nov.' but stated basionym invalid; stands as illegit. nom. nov. for *Podophyllum hexandrum* Royle. †

- SINOSASSAFRAS** H.W. Li in *Acta Bot. Yunnanica*, 7(2): 134 (1985). **LAURACEAE**.
flavinervia (Allen) H.W. Li in *Acta Bot. Yunnanica*, 7(2): 134 (1985); *Lindera flavinervia*.

SINOLENOCIO (Compos.).

- fanganus* Y.L. Chen in *Acta Phytotax. Sin.*, 26(1): 52 (1988)—China.
rotundifolius Y.L. Chen in *Acta Phytotax. Sin.*, 26(1): 53 (1988)—China.
wuyiensis Y.L. Chen in *Acta Phytotax. Sin.*, 26(1): 51 (1988)—China.

SIPANEA (Rubiace.).

- setacea* J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(1): 114 (1987)—Venezuela.

- SIPAPOANTHA** B. Maguire & B.M. Boom in Mem. New York Bot. Gard., 51: 23 (1989). GENTIANACEAE.
ostrina B. Maguire & B.M. Boom in Mem. New York Bot. Gard., 51: 26 (1989)—Venezuela.
- SIPARUNA** (Monimiac.).
arianeae M.V.L. Pereira in Bradea, 4(36): 291 (1986)—Brazil.
austromexicana D.H. Lorence in An. Inst. Biol. Univ. Nac. Autón. Méx., Bot., 54: 163 (1983 publ. 1987)—Mexico.
scandens D.H. Lorence in An. Inst. Biol. Univ. Nac. Autón. Méx., Bot., 54: 168 (1983 publ. 1987)—Mexico.
- SIPHOCAMPYLUS** (Campanulac.).
cavanillesii (Mart.) J.W. Loud., Lad. Fl. Gard. Orn. Greenh. Pl., 184 (1848); cf. D.J. Mabberley in Taxon, 32(1): 87 (1983): Basionym not stated.
oscitans B.A. Stein in Ann. Missouri Bot. Gard., 74(3): 492 (1987), nom. nov.: Burmeistera weberbaueri A. Zahlbr.
splendens (F. Wimmer) Jeppesen ex B.A. Stein in Ann. Missouri Bot. Gard., 74(3): 493 (1987): Burmeistera splendens.
- SIPHONOGLOSSA** (Acanthac.).
leptantha (Nees) K.L. Immelman in Bothalia, 19(2): 209 (1989): Gendarussa leptantha.
subsp. late-ovata (C.B. Cl.) K.L. Immelman in Bothalia, 19(2): 209 (1989): Justicia pulegioides subsp. late-ovata.
mexicana R.A. Hilsenbeck in Madroño, 36(3): 198 (1989)—Mexico.
nkandlaensis K.L. Immelman in Bothalia, 19(2): 209 (1989)—South Africa (Natal, Cape Province).
ramosa
var. discolor (S.F. Blake) R.A. Hilsenbeck in Madroño, 36(3): 204 (1989): S. discolor.
var. hondurensis (Standley & Steyermark) R.A. Hilsenbeck in Madroño, 36(3): 205 (1989): S. hondurensis.
sessilis
var. calcarea (Leonard) R.A. Hilsenbeck in Madroño, 36(3): 206 (1989): S. calcarea.
- SIRAITIA** (Cucurbitac.).
subgen. Camptoanthera A.M. Lu & Z.Y. Zhang in Cathaya, 1: 27 (1989).
africana (C. Jeffrey) A.M. Lu & Z.Y. Zhang in Cathaya, 1: 27 (1989): Thladiantha africana.
- SISYMBRIUM** (Crucif.).
arequipanum I.A. Al-Shehbaz in Ann. Missouri Bot. Gard., 76(4): 1176 (1989)—Peru.
fujianensis L.K. Ling in Fl. Fujianica, 2: 393 (1985)—China.
llatasii I.A. Al-Shehbaz in Ann. Missouri Bot. Gard., 77(1): 219 (1990)—Peru.
morrisonii I.A. Al-Shehbaz in Ann. Missouri Bot. Gard., 77(1): 219 (1990)—Peru.
pectinifolium I.A. Al-Shehbaz in Harvard Pap. Bot., 2: 14 (1990)—Peru.
praetermissum T.K. Mardaleishvili in Soobshch. Akad. Nauk Gruz. SSR, 98(2): 397 (1980)—U.S.S.R. (Caucasus).
vestitum (Ravenna) I.A. Al-Shehbaz in Harvard Pap. Bot., 2: 16 (1990): Stenodraba vestita.
- SISYRINCHIUM** (Iridac.).
subgen. Echthronema (Herbert) P. Goldblatt in Syst. Bot., 15(3): 507 (1990): gen. Echthronema.
abietum R. McVaugh, Fl. Novo-Galiciana, 15: 314 (1989)—Mexico.
aquadanicum P. Ravenna in Onira, Bot. Leaflet, 1(5): 44 (1988)—Brazil.
caeteum P. Ravenna in Onira, Bot. Leaflet, 1(3): 31 (1988)—Brazil.
graminifolium
subsp. luteum (Bertero ex Steudel) R. Rodriguez Rios in Mitt. Bot. Staatssamml. München, 22: 141 (1986): S. luteum.
juncum
subsp. colchaguense (Philippi) R. Rodriguez Rios in Mitt. Bot. Staatssamml. München, 22: 145 (1986): S. colchaguense.
- SISYRINCHIUM** —
subsp. depauperatum (Philippi) R. Rodriguez Rios in Mitt. Bot. Staatssamml. München, 22: 146 (1986): S. depauperatum.
minense P. Ravenna in Onira, Bot. Leaflet, 1(2): 16 (1988)—Brazil.
philippii
subsp. illapelinum (Philippi) R. Rodriguez Rios in Mitt. Bot. Staatssamml. München, 22: 158 (1986): S. illapelinum.
scirpoideum
subsp. leucanthum (Colla) R. Rodriguez Rios in Mitt. Bot. Staatssamml. München, 22: 164 (1986): S. leucanthum.
subsp. luridum (Ravenna) R. Rodriguez Rios in Mitt. Bot. Staatssamml. München, 22: 167 (1986): S. luridum.
subsp. scirpeum (Philippi) R. Rodriguez Rios in Mitt. Bot. Staatssamml. München, 22: 167 (1986): S. scirpeum.
subalpinum J.E. Henrich & P. Goldblatt in Ann. Missouri Bot. Gard., 74(4): 908 (1987 publ. 1988)—Costa Rica, Mexico, Guatemala.
subcernuum (Bickn.) J.E. Henrich & P. Goldblatt in Ann. Missouri Bot. Gard., 74(4): 908 (1987 publ. 1988): Hydastylis subcernuum.
- SITODIUM** (Morac.).
macrocarpon Thunb. in Phil. Trans. Roy. Soc. London, 69: 467 (1779); cf. D.J. Mabberley in Taxon, 30(1): 12 (1981)—Locality not stated.
- SIUM** (Umbellif.).
decumbens C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14: 285 (1784)—Japan.†
japonicum C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14: 284 (1784)—Japan.†
suave
var. floridanum (Small) C.F. Reed in Phytologia, 63(5): 411 (1987): S. floridanum.
- SKIMMIA** (Rutac.).
arborescens
subsp. nitida N.P. Taylor & H.K. Airy Shaw in Kew Mag., 4(4): 185 (1987)—China, India, Bhutan, Burma, Thailand, Laos, Vietnam.
arunachalensis A.K. Goel & B.N. Mehrotra in J. Bombay Nat. Hist. Soc., 86(2): 226 (1989)—India.
×confusa N.P. Taylor in Kew Mag., 4(4): 193 (1987)—Cultivation. (S. anquetilia × japonica subsp. japonica).
japonica
var. euphlebica (Merrill) N.P. Taylor in Kew Mag., 4(4): 184 (1987): S. euphlebica.
var. kwangsiensis (C.C. Huang) N.P. Taylor in Kew Mag., 4(4): 183 (1987): S. kwangsiensis.
subsp. reevesiana (Fortune) N.P. Taylor & H.K. Airy Shaw in Kew Mag., 4(4): 182 (1987): Ilex reevesiana.
var. reevesiana (Fortune) N.P. Taylor in Kew Mag., 4(4): 183 (1987): Ilex reevesiana.
kamengensis A.K. Goel & B.N. Mehrotra in J. Bombay Nat. Hist. Soc., 86(2): 228 (1989)—India.
laureola
subsp. lancasteri N.P. Taylor in Kew Mag., 6(4): 162 (1989), nom. nov., as 'subsp. nov.': S. melanocarpa Rehder & Wilson.
subsp. multinervia (C.C. Huang) N.P. Taylor & H.K. Airy Shaw in Kew Mag., 4(4): 189 (1987): S. multinervia.
var. wattii K. Narayanan Nair & M.P. Nayar in J. Bombay Nat. Hist. Soc., 85(3): 653 (1988 publ. 1989)—India.
- SLOANEA** (Elaeocarpaceae).
bathiei C. Tirel in Fl. Madagascar, Fam. 125: 48 (1985)—Madagascar.
bolivarensis J.A. Steyermark in Ann. Missouri Bot. Gard., 75(4): 1572 (1988 publ. 1989)—Venezuela.
cataniapensis J.A. Steyermark in Ann. Missouri Bot. Gard., 75(4): 1572 (1988 publ. 1989)—Venezuela.
davidsei J.A. Steyermark in Ann. Missouri Bot. Gard., 75(4): 1575 (1988 publ. 1989)—Venezuela.
emeiensis Fang & P.C. Tuan in Acta Sci. Nat. Univ. Szechuan, 1982(4): 84 (1982)—China.
longiaristata J.A. Steyermark in Ann. Missouri Bot. Gard., 75(4): 1577 (1988 publ. 1989)—Venezuela.
- SLOANEA** —
longispala C. Tirel in Fl. Madagascar, Fam. 125: 47 (1985)—Madagascar.
merevariensis Pittier ex J.A. Steyermark in Ann. Missouri Bot. Gard., 75(4): 1579 (1988 publ. 1989)—Venezuela.
parvifructa J.A. Steyermark in Ann. Missouri Bot. Gard., 75(4): 1579 (1988 publ. 1989)—Brazil.
sipapoana J.A. Steyermark in Ann. Missouri Bot. Gard., 75(4): 1580 (1988 publ. 1989)—Venezuela.
steyermarkii
subsp. autanae (Steyermark) J.A. Steyermark in Ann. Missouri Bot. Gard., 75(4): 1583 (1988 publ. 1989): S. autanae.
subsp. juaensis (Steyermark) J.A. Steyermark in Ann. Missouri Bot. Gard., 75(4): 1582 (1988 publ. 1989): S. juaensis.
subspilocarpa J.A. Steyermark in Ann. Missouri Bot. Gard., 75(4): 1583 (1988 publ. 1989)—Venezuela.
wurdackii J.A. Steyermark in Ann. Missouri Bot. Gard., 75(4): 1583 (1988 publ. 1989)—Venezuela.
xichouensis Feng ex Y. Tang & Y.C. Hsu in Bull. Bot. Res. North-East. Forest. Inst., 8(3): 97 (1988)—China.
- SMALLANTHUS** (Compos.).
obscurus B.L. Turner in Phytologia, 64(6): 406 (1988)—Mexico.
- SMELOWSKIA** (Crucif.).
inopinata
subsp. pseudoalba V.N. Voroshilov in Byull. Glavn. Bot. Sada (Moscow), 149: 33 (1988)—U.S.S.R. (Soviet Far East).
- SMILACINA** (Convallariac.).
subsect. Dioica H. Hara in J. Fac. Sci. Univ. Tokyo, Bot., 14(2): 139 (1987).
sect. Tubifera H. Hara in J. Fac. Sci. Univ. Tokyo, Bot., 14(2): 139 (1987).
bifolia (L.) Ker in J. Sci. Arts, 1: 182 (1816); cf. D.J. Mabberley in Taxon, 31(1): 72 (1982): Basionym not stated.
purpurea
f. albiflora (Wall.) H. Hara in J. Fac. Sci. Univ. Tokyo, Bot., 14(2): 147 (1987): S. purpurea albiflora.
racemosa
subsp. amplexicaulis (Nutt.) J. McNeill in Nat. Canad., 108(3): 240 (1981): S. amplexicaulis.
tatsienensis
f. stenoloba (Franch.) H. Hara in J. Fac. Sci. Univ. Tokyo, Bot., 14(2): 155 (1987): Tovaria stenoloba.
- SMILAX** (Smilacac.).
aculeatissima J.G. Conran in Fl. Australia, 46: 231, 187 (1986)—Australia (Queensland).
austrozhejiangensis Q. Lin in Acta Phytotax. Sin., 28(1): 71 (1990), as 'austro-zhejiangensis'—China.
lushuiensis S.C. Chen in Acta Phytotax. Sin., 26(2): 142 (1988)—China.
rigida Soland. in Russell, Aleppo, ed. 2, 2: 271 (1794); cf. D.J. Mabberley in Taxon, 31(1): 72 (1982)—Locality not stated.
umbrosa J.M. Xu in Bull. Bot. Res. North-East. Forest. Inst., 6(2): 67 (1986)—China.
- SMYRNIUM** (Umbellif.).
perfoliatum
subsp. rotundifolium (Miller) P. Hartvig in A. Strid (ed.), Mount. Fl. Greece, 1: 672 (1986): S. rotundifolium.
- SMYTHEA** B.C. Seeman in Bonplandia, 10(5): 69, t. 9 (15 March 1862). RHAMNACEAE.†
pacificae B.C. Seeman in Bonplandia, 10(5): 69, t. 9 (15 March 1862)—Fiji.†
- ×**SOBENNIGRAECUM** hort. in Orchid Rev., 94(1107): centre page pull-out p. 8 (1986). ORCHIDACEAE. (Angraecum × Sobennikoffia).
- SOBRALIA** (Orchidac.).
oliva-estevae G. Carnevali & I. Ramirez in Ann. Missouri Bot. Gard., 77(3): 556 (1990)—Venezuela, Guyana.

SOCRATEA (Palmae).

- hecatonandra (*Dugand*) *R. Bernal-Gonzalez* in *Kew Bull.*, 41(1): 152 (1986); *Metasocratea hecatonandra*.
 montana *R. Bernal-González* & *A. Henderson* in *Brittonia*, 38(1): 55 (1986)—Colombia.

SOLANECIO (Compos.).

- angulatus (*Vahl*) *C. Jeffrey* in *Kew Bull.*, 41(4): 922 (1986); *Cacalia angulata*.
 bialfrae (*Oliv.* & *Hiern*) *C. Jeffrey* in *Kew Bull.*, 41(4): 922 (1986); *Senecio bialfrae*.
 buchwaldii (*O. Hoffm.*) *C. Jeffrey* in *Kew Bull.*, 41(4): 921 (1986); *Senecio buchwaldii*.
 cydoniifolius (*O. Hoffm.*) *C. Jeffrey* in *Kew Bull.*, 41(4): 921 (1986); *Senecio cydoniifolius*.
 epidendricus (*Mattf.*) *C. Jeffrey* in *Kew Bull.*, 41(4): 921 (1986); *Senecio epidendricus*.
 gigas (*Vatke*) *C. Jeffrey* in *Kew Bull.*, 41(4): 923 (1986); *Senecio gigas*.
 goetzei (*O. Hoffm.*) *C. Jeffrey* in *Kew Bull.*, 41(4): 921 (1986); *Senecio goetzei*.
 gymnocarpus *C. Jeffrey* in *Kew Bull.*, 41(4): 920 (1986)—Tanzania.
 gynuroides *C. Jeffrey* in *Kew Bull.*, 41(4): 923 (1986)—Uganda.
 kanziensis (*Humbert* & *Staner*) *C. Jeffrey* in *Kew Bull.*, 41(4): 921 (1986); *Senecio kanziensis*.
 mannii (*Hook. f.*) *C. Jeffrey* in *Kew Bull.*, 41(4): 922 (1986); *Senecio mannii*.
 mirabilis (*Muschl.*) *C. Jeffrey* in *Kew Bull.*, 41(4): 921 (1986); *Senecio mirabilis*.
 nandensis (*S. Moore*) *C. Jeffrey* in *Kew Bull.*, 41(4): 921 (1986); *Senecio nandensis*.
 tuberosus (*Sch. Bip. ex A. Rich.*) *C. Jeffrey* in *Kew Bull.*, 41(4): 921 (1986); *Senecio tuberosus*.

SOLANUM (Solanac.).

- sect. *Allophyllum* (*Child*) *L. Bohs* in *Ann. Missouri Bot. Gard.*, 77(2): 401 (1990); *Cyphomandra* sect. *Allophylla*.
 ser. *Anarrichomenum* (*Bitter*) *A. Child* in *Feddes Repert.*, 101(5-6): 222, 221 (1990); *S.* sect. *Anarrichomenum*.
 subser. *Andreana* (*Hawkes*) *L.E. Gorbatenko* in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 126: 101 (1989).
 subser. *Angustisecta* *Buk.* & *L.E. Gorbatenko* in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 126: 101 (1989).
 sect. *Articulatum* (*Correll*) *A. Child* in *Feddes Repert.*, 101(5-6): 221 (1990); *S.* ser. *Articulatum*.
 subser. *Berthaultiana* *L.E. Gorbatenko* in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 126: 105 (1989).
 ser. *Bukasoviana* *L.E. Gorbatenko* in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 126: 100 (1989).
 ser. *Chomatophylla* *L.E. Gorbatenko* in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 126: 95 (1989).
 subser. *Collina* *L.E. Gorbatenko* in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 126: 104 (1989).
 ser. *Eriopersicon* (*C.H. Muller*) *A. Child* in *Feddes Repert.*, 101(5-6): 223 (1990), without basionym page; *Lycopersicon* subgen. *Eriopersicon*.
 subsect. *Estolonifera* *J.G. Hawkes* in *Taxon*, 38(3): 490 (1989).
 sect. *Etuberosum* (*Juz. ex Buk.* & *Kameraz.*) *A. Child* in *Feddes Repert.*, 101(5-6): 218 (1990); *S.* ser. *Etuberosum*.
 sect. *Glaucophyllum* *A. Child* in *Feddes Repert.*, 97(3-4): 144 (1986).
 subser. *Latissecta* *Buk.* & *L.E. Gorbatenko* in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 126: 101 (1989).
 ser. *Lignicaulia* *J.G. Hawkes* in *Taxon*, 38(3): 490 (29 Aug 1989).
 ser. *Lignicaulia* *Buk.* & *L.E. Gorbatenko* in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 126: 104 (9 Aug 1989).
 subsect. *Lycopersicoides* *A. Child* in *Feddes Repert.*, 101(5-6): 224 (1990).
 subser. *Multidissecta* *Buk.* & *L.E. Gorbatenko* in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 126: 102 (1989).
 ser. *Neolycopersicon* (*Correll*) *A. Child* in *Feddes Repert.*, 101(5-6): 224 (1990); *S.* sect. *Neolycopersicon*.

SOLANUM :-

- ser. *Pyriformia* *L.E. Gorbatenko* in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 126: 100 (1989).
 subser. *Regularifolia* *L.E. Gorbatenko* in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 126: 102 (1989).
 subser. *Rotata* *J.G. Hawkes* in *Taxon*, 38(3): 491 (1989).
 ser. *Simpliciora* *Buk.* & *L.E. Gorbatenko* in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 126: 105 (1989).
 ser. *Simplicissima* *C.M. Ochoa* in *Rev. Acad. Colomb. Cienc. Exact. Fis. Nat.*, 65: 321 (1989).
 subser. *Stellata* *J.G. Hawkes* in *Taxon*, 38(3): 490 (1989).
 subser. *Virgultoria* *Buk.* & *L.E. Gorbatenko* in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 126: 103 (1989).
 abitagense *S. Knapp* in *Brittonia*, 38(3): 290 (1986)—Ecuador, Peru.
 abollatum *H. St. John* in *Phytologia*, 64(3): 169 (1988); et *H. St. John*, *Native Hawaiian sp. Solanum* (*Hawaiian Pl. Stud.* 82): 5 (1988)—Hawaiian Is.
 ×*ajanhuiri*
 f. *jancko-ajanhuiri* *C.M. Ochoa* in *Phytologia*, 65(2): 103 (1988)—Bolivia.
 var. *yari* *C.M. Ochoa* in *Phytologia*, 65(2): 103 (1988)—Bolivia.
 americanum
 subsp. *nodiflorum* (*Jacq.*) *R.J.F. Henderson* in *Austrobaileya*, 2(5): 555 (1988); *S. nodiflorum*.
 subsp. *nutans* (*R. Henderson*) *R.J.F. Henderson* in *Austrobaileya*, 2(5): 555 (1988); *S. nodiflorum* subsp. *nutans*.
 amnicola *S. Knapp* in *Brittonia*, 38(3): 295 (1986)—Peru.
 anguivi
 var. *multiflora* (*Roth ex Roem.* & *Schultes*) *V. Chithra* in *A.N. Henry, G.R. Kumari* & *V. Chithra*, *Fl. Tamil Nadu, India, Ser. 1*, 2: 115 (1987); *S. multiflorum*.
 angustior *H. St. John* in *Phytologia*, 64(3): 169 (1988); et *H. St. John*, *Native Hawaiian sp. Solanum* (*Hawaiian Pl. Stud.* 82): 5 (1988)—Hawaiian Is.
 astleyi *J.G. Hawkes* & *J.P. Hjerting* in *Kew Bull.*, 42(2): 436 (1987)—Bolivia.†
 aymaraesense *C. Ochoa* in *Phytologia*, 64(1): 36 (1987)—Peru.
 badilloi *C.E. Benítez de Rojas* in *Ernstia*, 44: 1 (1987)—Venezuela.
 bahianum *S. Knapp* in *Bull. Brit. Mus. (Nat. Hist.)*, Bot., 19: 109 (1989)—Brazil.
 batatus (*L.*) *A. Aikman* in *H. Barham*, *Hort. Amer.*: 222, 153 (1794); cf. *D.J. Mabberley* in *Taxon*, 30(1): 13 (1981); *Convolvulus batatus*.
 bellum *S. Knapp* in *Brittonia*, 38(3): 294 (1986)—Ecuador.
 callicarpifolium *Kunth* & *Bouché*, *Ind. Sem. Hort. Bot. Berol.*, 1845: 10 (1845); *Ann. Sci. Nat. Sér. III*, 5: 355 (1846); cf. *D.J. Mabberley* in *Taxon*, 32(1): 86 (1983)—Locality not stated.
 ×*chaucha*
 var. *cocoe-sulla* *C.M. Ochoa* in *Phytologia*, 65(2): 107 (1988)—Peru, Bolivia.
 var. *ckati* *C.M. Ochoa* in *Phytologia*, 65(2): 107 (1988)—Bolivia.
 var. *khoyllu* *C.M. Ochoa* in *Phytologia*, 65(2): 107 (1988)—Bolivia.
 var. *puca-suitti* *C.M. Ochoa* in *Phytologia*, 65(2): 108 (1988)—Peru, Bolivia.
 var. *surimana* *C.M. Ochoa* in *Phytologia*, 65(2): 108 (1988)—Bolivia.
 cheesmaniae (*Riley*) *F.R. Fosberg* in *Phytologia*, 62(3): 181 (1987); *Lycopersicon cheesmanii*.
 chillonanum *C.M. Ochoa* in *Phytologia*, 67(3): 235 (1989), nom. nov.: *S. tenellum* *Ochoa*.
 circacifolium
 subsp. *quimense* *J.G. Hawkes* & *J.P. Hjerting* in *Kew Bull.*, 42(2): 436 (1987)—Bolivia.†
 concarense *A.T. Hunziker* in *Kurtziana*, 20: 190 (1989)—Argentina.
 corniculatum *Huber*, *Cat. Print. 1865*: 9 (1865); cf. *D.J. Mabberley* in *Taxon*, 34(3): 451 (1985)—Locality not stated.
 cucullatum *S. Knapp* in *Brittonia*, 38(3): 292 (1986)—Ecuador.

SOLANUM :-

- darienense *S. Knapp* in *Ann. Missouri Bot. Gard.*, 73(4): 738 (1986 publ. 1987)—Panama.
 dolosum *Morton ex S. Knapp* in *Ann. Missouri Bot. Gard.*, 73(4): 742 (1986 publ. 1987)—Colombia.
 donachui *C. Ochoa* in *Phytologia*, 59(7): 461 (1986)—Colombia.
 erosomarginatum *S. Knapp* in *Brittonia*, 38(3): 273 (1986)—Venezuela.
 extremiorientale *M.S. Ignatov* in *Byull. Mosk. Obshch. Ispyt. Priro. Biol.*, 91(3): 113 (1986)—U.S.S.R. (Soviet Far East).
 falconense *S. Knapp* in *Bull. Brit. Mus. (Nat. Hist.)*, Bot., 19: 103 (1989)—Venezuela.
 flavescens *M.F. Dunal* in *J.L.M. Poirét, Encycl. Méthod. Bot.*, Supp. 3: 778 (1814)—Trinidad.†
 foetens *Pittier ex S. Knapp* in *Brittonia*, 38(3): 275 (1986)—Venezuela.
 forbesii *H. St. John* in *Phytologia*, 64(3): 169 (1988); et *H. St. John*, *Native Hawaiian sp. Solanum* (*Hawaiian Pl. Stud.* 82): 6 (1988)—Hawaiian Is.
 globosum *H. St. John* in *Phytologia*, 64(3): 169 (1988); see also *H. St. John*, *Native Hawaiian sp. Solanum* (*Hawaiian Pl. Stud.* 82): 7 (1988)—Hawaiian Is.
 glutinosum *M.F. Dunal* in *J.L.M. Poirét, Encycl. Méthod. Bot.*, Supp. 3: 769 (1814)—Locality not stated.†
 gonyrhachis *S. Knapp* in *Bull. Brit. Mus. (Nat. Hist.)*, Bot., 19: 105 (1989)—Bolivia.
 gourlayi
 subsp. *saltense* *A.M. Clausen* & *K.A. Okada* in *Phytologia*, 62(3): 166 (1987)—Argentina.
 guzmanguense *M.D. Whalen* & *A. Sagástegui* in *Brittonia*, 38(1): 9 (1986)—Peru.
 haematocarpum *Huber*, *Cat. Gén. 1871* & *1872*: 5 (1871); cf. *D.J. Mabberley* in *Taxon*, 34(3): 451 (1985)—Locality not stated.
 herthae (*Werdern.*) *W.G. D'Arcy* in *Solanaceae Newsl.*, 2(4): 31 (1986); *Pheleandra herthae*.
 hondelmannii *J.G. Hawkes* & *J.P. Hjerting* in *Kew Bull.*, 42(2): 436 (1987)—Bolivia.†
 honopuense *H. St. John* in *Phytologia*, 64(3): 170 (1988); et *H. St. John*, *Native Hawaiian sp. Solanum* (*Hawaiian Pl. Stud.* 82): 9 (1988)—Hawaiian Is.
 hoopesii *J.G. Hawkes* & *K.A. Okada* in *Phytologia*, 64(5): 325 (1988)—Bolivia.
 imbaburensis *S. Knapp* in *Bull. Brit. Mus. (Nat. Hist.)*, Bot., 19: 94 (1989)—Ecuador.
 incahuasinum *C. Ochoa* in *Kurtziana*, 12-13: 183 (1979)—Peru.
 ×*juzepczukii*
 f. *ck'oyu-ckaisalla* *C.M. Ochoa* in *Phytologia*, 65(2): 106 (1988)—Bolivia.
 f. *janck'o-ckaisalla* *C.M. Ochoa* in *Phytologia*, 65(2): 107 (1988)—Bolivia.
 var. *lueki* *C.M. Ochoa* in *Phytologia*, 65(2): 107 (1988)—Bolivia.
 f. *lueki-pechuma* *C.M. Ochoa* in *Phytologia*, 65(2): 107 (1988)—Bolivia.
 f. *lueki-pinkula* *C.M. Ochoa* in *Phytologia*, 65(2): 107 (1988)—Bolivia.
 f. *wila-ckaisalla* *C.M. Ochoa* in *Phytologia*, 65(2): 107 (1988)—Bolivia.
 lanaense *H. St. John* in *Phytologia*, 64(3): 170 (1988); et *H. St. John*, *Native Hawaiian sp. Solanum* (*Hawaiian Pl. Stud.* 82): 12 (1988)—Hawaiian Is.
 lasiocarpum
 var. *domesticum* *C.B. Heiser* in *W.G. D'Arcy, Solanaceae: biol. & syst.*: 413 (1986)—Cultivation ex Thailand.
 lasiocladum *S. Knapp* in *Brittonia*, 38(3): 278 (1986)—Venezuela.
 linnaeanum *F.N. Hepper* & *P.-M.L. Jaeger* in *Kew Bull.*, 41(2): 435 (1986)—South Africa (Cape Province).
 longiusculum *C. Ochoa* in *Phytologia*, 63(5): 329 (1987)—Peru.
 lucens *S. Knapp* in *Brittonia*, 38(3): 280 (1986)—Venezuela, Colombia.
 lydgatei *H. St. John* in *Phytologia*, 64(3): 170 (30 Jan 1988)—Hawaiian Is.
 lydgatei *H. St. John*, *Native Hawaiian sp. Solanum* (*Hawaiian Pl. Stud.* 82): 13 (June 1988)—Hawaiian Is.
 lyratum *C.P. Thunberg ex A. Murray* in *Linnaeus, Syst. Veg., ed. 14*: 224 (1784)—Japan.†

SOLANUM :-

- macdanielsii *H. St. John in Phytologia*, 64(3): 170 (1988); et *H. St. John, Native Hawaiian sp. Solanum (Hawaiian Pl. Stud. 82)*: 14 (1988)—Hawaiian Is.
- macranthum *M.F. Dunal in J.L.M. Poirer, Encycl. Méthod., Bot., Supp. 3*: 775 (1814)—Brazil.†
- mahoriensis *W.G. D'Arcy & A. Rakotozafy in Ann. Missouri Bot. Gard., 73(2)*: 498 (1986)—Madagascar.
- malacothrix *S. Knapp in Brittonia*, 38(1): 89 (1986)—Mexico.
- mapiricum *S. Knapp in Brittonia*, 38(3): 299 (1986)—Bolivia.
- matehualae *J.P. Hjerting & T.R. Tarn in Phytologia*, 65(2): 116 (1988)—Mexico.
- melongena
 subsp. *agreste S.P. Dikii in Trudy Prikl. Bot. Genet. Selekt., 88*: 105 (1984), as 'agrestis'—India.
 var. *angustum S.P. Dikii in Trudy Prikl. Bot. Genet. Selekt., 88*: 105 (1984), as 'angusta'—India.
 var. *cylindricum S.P. Dikii in Trudy Prikl. Bot. Genet. Selekt., 88*: 105 (1984), as 'cylindrica'—India.
 var. *giganteum (Alef.) S.P. Dikii in Trudy Prikl. Bot. Genet. Selekt., 88*: 105 (1984), without basionym ref. but name same as avowed basionym: *S. melongena gigantea*.
 var. *globosi S.P. Dikii in Trudy Prikl. Bot. Genet. Selekt., 88*: 106 (1984)—Vietnam.
 var. *leucoum (Alef.) S.P. Dikii in Trudy Prikl. Bot. Genet. Selekt., 88*: 105 (1984), name same as avowed basionym: *S. melongena leucoum*.
 var. *racemiflorum S.P. Dikii in Trudy Prikl. Bot. Genet. Selekt., 88*: 105 (1984), as 'racemiflora'—India.
 var. *racemosum S.P. Dikii in Trudy Prikl. Bot. Genet. Selekt., 88*: 105 (1984), as 'racemosa'—India.
 var. *stenoleucum (Alef.) S.P. Dikii in Trudy Prikl. Bot. Genet. Selekt., 88*: 104 (1984), name same as avowed basionym: *S. melongena stenoleuca*.
 var. *variegatum (Alef.) S.P. Dikii in Trudy Prikl. Bot. Genet. Selekt., 88*: 105 (1984), name same as avowed basionym: *S. melongena variegata*.
 var. *violaceum (Alef.) S.P. Dikii in Trudy Prikl. Bot. Genet. Selekt., 88*: 105 (1984), name same as avowed basionym: *S. melongena violacea*.
 var. *viride S.P. Dikii in Trudy Prikl. Bot. Genet. Selekt., 88*: 104 (1984), as 'viridis'—Malaya.
- morellifolium *L. Bohs in Ann. Missouri Bot. Gard., 77(2)*: 404 (1990)—Peru, Bolivia.
- mortonii *A.T. Hunziker in Kurtziana*, 12–13: 133 (1979)—Argentina.
- nelsoni
 var. *vadosum H. St. John in Phytologia*, 64(3): 170 (1988); et *H. St. John, Native Hawaiian sp. Solanum (Hawaiian Pl. Stud. 82)*: 18 (1988)—Hawaiian Is.
- neovalenzuelae *L.E. López Jaramillo in Caldasia*, 14(68–70): 444 (1986)—Colombia.
- nesophilum *H. St. John in Phytologia*, 64(3): 170 (1988); et *H. St. John, Native Hawaiian sp. Solanum (Hawaiian Pl. Stud. 82)*: 18 (1988)—Hawaiian Is.
- ombrophilum *Pittier ex S. Knapp in Brittonia*, 38(3): 282 (1986)—Venezuela.
- phureja
 var. *caeruleum C.M. Ochoa in Phytologia*, 65(2): 103 (1988), as 'caeruleus'—Bolivia.
 var. *flavum C.M. Ochoa in Phytologia*, 65(2): 103 (1988)—Bolivia.
 var. *janck'o-phureja C.M. Ochoa in Phytologia*, 65(2): 104 (1988)—Bolivia.
 f. *orbiculatum C.M. Ochoa in Phytologia*, 65(2): 104 (1988), as 'orbiculata'—Bolivia.
 var. *rubroroseum C.M. Ochoa in Phytologia*, 65(2): 104 (1988), as 'rubro-rosea'—Bolivia.
 var. *sanguineum C.M. Ochoa in Phytologia*, 65(2): 103 (1988), as 'sanguineus'—Bolivia.
 f. *sayhuanimayo C.M. Ochoa in Phytologia*, 65(2): 103 (1988)—Bolivia.
 f. *timusi C.M. Ochoa in Phytologia*, 65(2): 104 (1988)—Bolivia.
 f. *viuda C.M. Ochoa in Phytologia*, 65(2): 103 (1988)—Bolivia.

SOLANUM :-

- physalifolium
 var. *nitidibaccatum (Bitter) J.M. Edmonds in Bot. J. Linn. Soc., 92(1)*: 27 (1986); *S. nitidibaccatum*.
- plowmanii *S. Knapp in Bull. Brit. Mus. (Nat. Hist.), Bot., 19*: 104 (1989)—Peru.
- popolo *H. St. John in Phytologia*, 64(3): 171 (1988); et *H. St. John, Native Hawaiian sp. Solanum (Hawaiian Pl. Stud. 82)*: 19 (1988)—Hawaiian Is.
- pubinervosum *H. St. John in Phytologia*, 64(3): 171 (1988); et *H. St. John, Native Hawaiian sp. Solanum (Hawaiian Pl. Stud. 82)*: 21 (1988)—Hawaiian Is.
- restingae *S. Knapp in Bull. Brit. Mus. (Nat. Hist.), Bot., 19*: 109 (1989)—Brazil.
- richardii *M.F. Dunal in J.L.M. Poirer, Encycl. Méthod., Bot., Supp. 3*: 775 (1814)—Locality not stated.†
- ruizii *S. Knapp in Bull. Brit. Mus. (Nat. Hist.), Bot., 19*: 91 (1989), nom. nov.: *S. lanceolatum Ruiz López & Pavón*.
- santosii *S. Knapp in Bull. Brit. Mus. (Nat. Hist.), Bot., 19*: 106 (1989)—Brazil.
- sarasarae *C. Ochoa in Phytologia*, 64(4): 245 (1988)—Peru.
- semilobatum *H. St. John in Phytologia*, 64(3): 171 (1988)—Hawaiian Is.
- semilobatum *H. St. John, Native Hawaiian sp. Solanum (Hawaiian Pl. Stud. 82)*: 23 (1988), nom. nov., as 'sp. nov.': *S. incompletum* var. *mauiense Hillebr.*
- sessiliflorum *M.F. Dunal in J.L.M. Poirer, Encycl. Méthod., Bot., Supp. 3*: 775 (1814)—Brazil.†
- simplicissimum *C.M. Ochoa in Rev. Acad. Colomb. Cienc. Exact. Fis. Nat., 65*: 321 (1989)—Peru.
- spirale
 var. *tetrasepalum H. Chu in Acta Sci. Nat. Univ. Sunyatseni*, 28(2): 67 (1989)—China.
- stenotomum
 f. *alkka-phinu C.M. Ochoa in Phytologia*, 65(2): 104 (1988), as 'alkka-phiñu'—Bolivia.
 f. *alkka-pitiquina C.M. Ochoa in Phytologia*, 65(2): 105 (1988), as 'alkka-pitiquina'—Bolivia.
 var. *ari-chuwa C.M. Ochoa in Phytologia*, 65(2): 105 (1988)—Bolivia.
 f. *azureo-ckati C.M. Ochoa in Phytologia*, 65(2): 106 (1988)—Bolivia.
 f. *chiar-ckati C.M. Ochoa in Phytologia*, 65(2): 104 (1988)—Bolivia.
 f. *chiar-phinu C.M. Ochoa in Phytologia*, 65(2): 104 (1988), as 'chiar-phiñu'—Bolivia.
 var. *chojllu C.M. Ochoa in Phytologia*, 65(2): 105 (1988)—Bolivia.
 f. *churi-puya C.M. Ochoa in Phytologia*, 65(2): 106 (1988)—Bolivia.
 f. *janck'o-chojllu C.M. Ochoa in Phytologia*, 65(2): 105 (1988)—Bolivia.
 var. *kkamara C.M. Ochoa in Phytologia*, 65(2): 105 (1988)—Bolivia.
 f. *kkarachi-pampa C.M. Ochoa in Phytologia*, 65(2): 106 (1988)—Bolivia.
 f. *laram C.M. Ochoa in Phytologia*, 65(2): 106 (1988)—Bolivia.
 var. *luru C.M. Ochoa in Phytologia*, 65(2): 105 (1988)—Bolivia.
 f. *pacajes C.M. Ochoa in Phytologia*, 65(2): 104 (1988)—Bolivia.
 f. *phiti-kalla C.M. Ochoa in Phytologia*, 65(2): 106 (1988)—Bolivia.
 var. *pitiquina C.M. Ochoa in Phytologia*, 65(2): 105 (1988), as 'pitiquina'—Bolivia.
 f. *pulu-wayk'u C.M. Ochoa in Phytologia*, 65(2): 105 (1988)—Bolivia.
 f. *quime C.M. Ochoa in Phytologia*, 65(2): 106 (1988)—Bolivia.
 f. *wila-chojllu C.M. Ochoa in Phytologia*, 65(2): 105 (1988)—Bolivia.
 var. *zapallo C.M. Ochoa in Phytologia*, 65(2): 106 (1988)—Bolivia.
- tanysepalum *S. Knapp in Brittonia*, 38(3): 284 (1986)—Venezuela.
- tarnii *J.G. Hawkes & J.P. Hjerting in Phytologia*, 65(2): 114 (1988)—Mexico.
- tenellum *C. Ochoa in Phytologia*, 63(6): 455 (1987), homonym see *G. Bitter in Fedde Repert.*, 11: 219 (1912)—Peru.

SOLANUM :-

- tenuiflagellatum *Bitter ex S. Knapp in Brittonia*, 38(3): 286 (1986)—Venezuela.
- toliaraca *W.G. D'Arcy & A. Rakotozafy in Ann. Missouri Bot. Gard., 76(1)*: 351 (1989)—Madagascar.
- tonsum *H. St. John in Phytologia*, 64(3): 171 (1988); et *H. St. John, Native Hawaiian sp. Solanum (Hawaiian Pl. Stud. 82)*: 24 (1988)—Hawaiian Is.
- triflorum
 f. *malvinum J.E. De Langhe & R. D'hose in Bull. Soc. Roy. Bot. Belg., 119(2)*: 160 (1986 publ. 1987)—Belgium.
- tuberosum
 f. *alkka-imilla C.M. Ochoa in Phytologia*, 65(2): 108 (1988)—Bolivia.
 f. *alkka-silla C.M. Ochoa in Phytologia*, 65(2): 113 (1988)—Bolivia.
 f. *amajaya C.M. Ochoa in Phytologia*, 65(2): 109 (1988)—Bolivia.
 f. *azul-runa C.M. Ochoa in Phytologia*, 65(2): 112 (1988)—Bolivia.
 f. *chiar-lelekoya C.M. Ochoa in Phytologia*, 65(2): 111 (1988)—Bolivia.
 f. *chiar-pala C.M. Ochoa in Phytologia*, 65(2): 109 (1988)—Bolivia.
 f. *chojo-sajama C.M. Ochoa in Phytologia*, 65(2): 109 (1988)—Bolivia.
 f. *huaca-zapato C.M. Ochoa in Phytologia*, 65(2): 110 (1988)—Bolivia.
 f. *huichinka C.M. Ochoa in Phytologia*, 65(2): 111 (1988)—Bolivia.
 f. *isla-imilla C.M. Ochoa in Phytologia*, 65(2): 108 (1988)—Bolivia.
 f. *janck'o-kooyllu C.M. Ochoa in Phytologia*, 65(2): 110 (1988)—Bolivia.
 f. *janck'o-chockella C.M. Ochoa in Phytologia*, 65(2): 108 (1988)—Bolivia.
 f. *janck'o-pala C.M. Ochoa in Phytologia*, 65(2): 109 (1988)—Bolivia.
 f. *kunurana C.M. Ochoa in Phytologia*, 65(2): 110 (1988)—Bolivia.
 f. *laram-lelekoya C.M. Ochoa in Phytologia*, 65(2): 111 (1988)—Bolivia.
 var. *lelekoya C.M. Ochoa in Phytologia*, 65(2): 111 (1988)—Bolivia.
 var. *malcachu C.M. Ochoa in Phytologia*, 65(2): 111 (1988)—Bolivia.
 f. *milagro C.M. Ochoa in Phytologia*, 65(2): 111 (1988)—Bolivia.
 var. *murukewillu C.M. Ochoa in Phytologia*, 65(2): 112 (1988)—Peru, Bolivia.
 f. *nigrum C.M. Ochoa in Phytologia*, 65(2): 108 (1988)—Bolivia.
 f. *overita C.M. Ochoa in Phytologia*, 65(2): 110 (1988)—Bolivia.
 f. *pulo C.M. Ochoa in Phytologia*, 65(2): 112 (1988)—Bolivia.
 var. *runa C.M. Ochoa in Phytologia*, 65(2): 111 (1988)—Bolivia.
 f. *sani-imilla C.M. Ochoa in Phytologia*, 65(2): 108 (1988)—Bolivia.
 var. *sichu C.M. Ochoa in Phytologia*, 65(2): 112 (1988)—Bolivia.
 var. *sipanacachi C.M. Ochoa in Phytologia*, 65(2): 112 (1988)—Bolivia.
 f. *surico C.M. Ochoa in Phytologia*, 65(2): 110 (1988)—Bolivia.
 var. *taraco C.M. Ochoa in Phytologia*, 65(2): 112 (1988)—Bolivia.
 f. *tinguipaya C.M. Ochoa in Phytologia*, 65(2): 110 (1988)—Bolivia.
 f. *wila-huaycku C.M. Ochoa in Phytologia*, 65(2): 110 (1988)—Bolivia.
 f. *wila-imilla C.M. Ochoa in Phytologia*, 65(2): 109 (1988)—Bolivia.
 f. *wila-k'oyu C.M. Ochoa in Phytologia*, 65(2): 112 (1988)—Locality not stated.
 f. *wila-monda C.M. Ochoa in Phytologia*, 65(2): 109 (1988)—Bolivia.
 f. *wila-pala C.M. Ochoa in Phytologia*, 65(2): 109 (1988)—Bolivia.
 f. *yurac-taraco C.M. Ochoa in Phytologia*, 65(2): 113 (1988)—Bolivia.
- turgidum *S. Knapp in Brittonia*, 38(3): 288 (1986)—Venezuela.
- ugentii *J.G. Hawkes & K.A. Okada in Phytologia*, 64(5): 327 (1988)—Bolivia.

SOLANUM :-

- unifoliatum *S. Knapp* in *Ann. Missouri Bot. Gard.*, 73(4): 739 (1986 publ. 1987)—Colombia.
 vaillantii *M.F. Dunal* in *J.L.M. Poir.*, *Encycl. Method., Bot.*, Supp. 3: 772 (1814)—Locality not stated.†
 verrucosum *Schlecht.*, *Ind. Sem. Hort. Acad. Hal.*, 1839; *Linnaea* 14, *Lit.*: 129 (?1841); cf. *D.J. Mabberley* in *Taxon*, 32(1): 86 (1983)—Locality not stated.
 ×virsooi *K.A. Okada & A.M. Clausen* in *Euphytica*, 34(1): 227 (1985)—Argentina. (S. acaule subsp. acaule × infundibuliforme).
 warzcewiczoides *Huber*, *Cat. Graines 1870*: 3 (1870); *Wochenschrift*, 13: 181 (1870); cf. *D.J. Mabberley* in *Taxon*, 34(3): 451 (1985)—Locality not stated.
 yanamonense *S. Knapp* in *Brittonia*, 38(3): 298 (1986)—Peru.

SOLDANELLA (Primulac.).

- ser. Pindicae *F.K. Meyer* in *Hausknechtia*, *Mitt. Thüring. Bot. Ges.*, 2: 22 (1985).
 ser. Pusillae *F.K. Meyer* in *Hausknechtia*, *Mitt. Thüring. Bot. Ges.*, 2: 32 (1985).
 alpicola *F.K. Meyer* in *Hausknechtia*, *Mitt. Thüring. Bot. Ges.*, 2: 34 (1985)—Austria, Switzerland, Italy, Yugoslavia.
 calabrella *A. Kress*, *Primulac.-Stud.*, 8: 24 (1988)—Italy.
 cyanaster *O. Schwarz* ex *F.K. Meyer* in *Hausknechtia*, *Mitt. Thüring. Bot. Ges.*, 2: 8 (1985)—Bulgaria.
 macedonica *F.K. Meyer* in *Hausknechtia*, *Mitt. Thüring. Bot. Ges.*, 2: 23 (1985)—Yugoslavia.
 pelia *T. Raus* in *Willdenowia*, 16(2): 337 (1987)—Greece.
 pirinica *F.K. Meyer* in *Hausknechtia*, *Mitt. Thüring. Bot. Ges.*, 2: 36 (1985)—Bulgaria.
 pseudomontana *F.K. Meyer* in *Hausknechtia*, *Mitt. Thüring. Bot. Ges.*, 2: 15 (1985)—Romania, Czechoslovakia.
 pusilla
 subsp. alpicola (*F.K. Meyer*) *J. Chrtek* in *Čas. Nár. Muz. (Prague)*, 154(3-4): 170 (1985 publ. 1989); S. alpicola.
 subsp. pirinica (*F.K. Meyer*) *J. Chrtek* in *Čas. Nár. Muz. (Prague)*, 154(3-4): 170 (1985 publ. 1989); S. pirinica.
 rhodopaea *F.K. Meyer* in *Hausknechtia*, *Mitt. Thüring. Bot. Ges.*, 2: 25 (1985)—Bulgaria.
 stiriaca *F.K. Meyer* in *Hausknechtia*, *Mitt. Thüring. Bot. Ges.*, 2: 20 (1985)—Austria.

SOLENA (Cucurbitac.).

- delavayi (*Cogn.*) *C.Y. Wu* in *Fl. Xizangica*, 4: 553 (1985); *Melothria delavayi*.

SOLENANTHUS (Boraginac.).

- hupehensis *R.R. Mill* in *Notes Roy. Bot. Gard. Edinburgh*, 44(2): 271 (1987)—China.

SOLENIDIOPSIS *K. Senghas* in *Orchidee*, 37(6): 274 (1986). **ORCHIDACEAE**.

- flavobrunnea *K. Senghas* in *Orchidee*, 40(6): 206 (1989)—Peru.
 tigroides (*C. Schweinf.*) *K. Senghas* in *Orchidee*, 37(6): 274 (1986); *Odontoglossum tigroides*.

SOLENOCENTRUM (Orchidac.).

- lueri *C.H. Dodson & R. Vásquez* *Ch. in Ic. Pl. Trop.*, Ser. 2, 3: t. 300 (1989)—Bolivia.

SOLIDAGO (Compos.).

- ericamerioides *G.L. Nesom* in *Phytologia*, 67(2): 143 (1989)—Mexico.
 glutinosa
 var. chlorolepis (*Fern.*) *G.S. Ringius* in *Taxon*, 36(1): 157 (1987); S. chlorolepis.
 var. ontarioensis *G.S. Ringius* in *Phytologia*, 62(5): 432 (1987)—Canada (Ontario).
 gypsophila *G.L. Nesom* in *Phytologia*, 67(2): 142 (1989)—Mexico.
 hintoniorum *G.L. Nesom* in *Phytologia*, 67(2): 145 (1989)—Mexico.
 juliae *G.L. Nesom* in *Phytologia*, 67(6): 445 (1989)—U.S.A. (Texas), Mexico.

SOLIDAGO :-

- macvaughii *G.L. Nesom* in *Phytologia*, 67(4): 301 (1989)—Mexico.
 nemoralis
 subsp. haleana (*Fern.*) *G.W. Douglas* in *Canad. J. Bot.*, 64(11): 2726 (1986); S. nemoralis var. haleana.
 subsp. longipetiolata (*Mack. & Bush*) *G.W. Douglas* in *Canad. J. Bot.*, 64(11): 2726 (1986); S. longipetiolata.
 ouachitensis *C.E.S. & R.J. Taylor* in *Sida*, 11(3): 334 (1986)—U.S.A. (Oklahoma, Arkansas).
 rigida
 subsp. glabrata (*Braun*) *S.B. Heard & J.C. Semple* in *Canad. J. Bot.*, 66(9): 1807 (1988); S. rigida var. glabrata.
 subsp. humilis (*Porter*) *S.B. Heard & J.C. Semple* in *Canad. J. Bot.*, 66(9): 1805 (1988); S. rigida var. humilis.
 virgaurea
 subsp. fallit-tirones (*Font Quer*) *S. Rivas-Martínez, F. Fernández González & D. Sánchez-Mata* in *Opusc. Bot. Pharm. Complutensis*, 2: 118 (1986); S. virgaurea var. fallit-tirones.
 wrightii
 var. orientalis *G.L. Nesom* in *Phytologia*, 67(2): 147 (1989)—Mexico.

SOLIVA (Compos.).

- anthemifolia (*A. Juss.*) *Sweet*, *Hort. Brit.*: 243 (1827); cf. *D.J. Mabberley* in *Taxon*, 30(1): 17 (1981); Basionym not stated.
 stolonifera (*Pers.*) *R. Br. ex Sweet*, *Hort. Brit.*: 243 (1827); cf. *D.J. Mabberley* in *Taxon*, 30(1): 17 (1981); Basionym not stated.

SONCHUS (Compos.).

- tenerrimus
 subvar. dianae (*Lacaita ex Willk.*) *O. de Bolòs & J. Vigo* in *Folia Bot. Misc.*, 6: 86 (1989), without exact basionym date; S. dianae.
 subvar. pectinatus (*DC.*) *O. de Bolòs & J. Vigo* in *Folia Bot. Misc.*, 6: 86 (1989); S. pectinatus.

SONDOTTIA *P.S. Short* in *Muelleria*, 7(1): 113 (1989). **COMPOSITAE**.

- connata (*W.V. Fitzg.*) *P.S. Short* in *Muelleria*, 7(1): 114 (1989); *Angianthus connatus*.
 glabrata *P.S. Short* in *Muelleria*, 7(1): 115 (1989)—Australia (W. Australia).

SONERILA (Melastomatac.).

- cannanorensis *G.S. Giri & M.P. Nayar* in *Bull. Bot. Surv. India*, 27(1-4): 86 (1985 publ. 1987)—India.
 dharii *Ved Prakash & B.N. Mehrotra* in *Candollea*, 43(1): 143 (1988)—India.
 elegans
 var. beddomei *G.S. Giri & M.P. Nayar* in *Bull. Bot. Surv. India*, 27(1-4): 72 (1985 publ. 1987)—India.
 kanniyakumariana *R. Gopalan & A.N. Henry* in *J. Bombay Nat. Hist. Soc.*, 86(1): 82 (1989)—India.
 neodriessenioides *C. Hansen* in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 11(3): 283 (1989 publ. 1990)—Vietnam.
 sadasivanii
 var. kanniyakumariensis *G.S. Giri & M.P. Nayar* in *Bull. Bot. Surv. India*, 26(3-4): 189 (1984 publ. 1986)—India.
 sahyadrica *G.S. Giri & M.P. Nayar* in *Bull. Bot. Surv. India*, 26(3-4): 175 (1984 publ. 1986)—India.
 talbotii *G.S. Giri & M.P. Nayar* in *J. Jap. Bot.*, 61(11): 344 (1986)—India.
 tuberosa *C. Hansen* in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 11(3): 284 (1989 publ. 1990)—Cambodia.

SONNERATIA (Melastomatac.).

- caseolaris (*L.*) *A. Engler*, *Pflanzenwelt Ost-Afr.*, C: 286 (1895); *Rhizophora caseolaris*.

SOPHRONITIS (Orchidac.).

- mantiquireae
 var. pygmaea (*Pabst*) *J.A. Fowlie* in *Orchid Dig.*, 51(1): 34 (1987); S. coccinea subsp. pygmaea.

SORBARIA (Rosac.).

- tomentosa
 var. angustifolia (*Wenzig*) *K. Rahn* in *Nordic J. Bot.*, 8(6): 561 (1989); *Spiraea sorbifolia* var. angustifolia.

SORBUS (Rosac.).

- sect. Duales *T.I. Zaikonnikova* in *Bot. Zhurn.*, 71(6): 813 (1986).
 subsect. Lucidae *T.I. Zaikonnikova* in *Bot. Zhurn.*, 71(6): 814 (1986).
 alnifolia
 var. angulata *S.B. Liang* in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(3): 69 (1990)—China.
 aria
 subsp. mougeotii (*Soyer-Will. & Godr.*) *O. de Bolòs & J. Vigo*, *Fl. Països Catalans*: 413 (1984); S. mougeotii.
 acuparia
 f. flavescensmarginata *J. Jalas* in *Ann. Bot. Fenn.*, 27(1): 91 (1990)—Finland.
 croceocarpa *P.D. Sell* in *Watsonia*, 17(4): 392 (1989)—Great Britain.
 formosanus (*Koidz.*) *S.S. Ying*, *Coloured Illustr. Fl. Taiwan*, 1: 354 (1985); *Macromeles formosana*.
 guanxianensis *T.C. Ku* in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(3): 22 (1990)—China.
 lanpingensis *L.T. Lu* in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 51 (1989)—China.
 pohuashanensis
 var. amurensis (*Koehne*) *Y.L. Chou & S.L. Tung* in *Y.L. Chou, Ligneous Fl. Heilongjiang*: 335 (1986); S. amurensis.
 reducta
 var. pubescens *L.T. Lu* in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 52 (1989)—China.
 rhombifolia *C.Y. Qi & K.W. Liu* in *Acta Bot. Yunnanica*, 10(2): 254 (1988)—China.
 scepusiensis *M. Kovanda* in *Willdenowia*, 16(1): 119 (1986)—Czechoslovakia.
 ×thuringiaca
 nothosubsp. boscii (*Vivant ex Gamisans*) *J. Lambinon & M. Kerguelen* in *Candollea*, 43(1): 406 (1988); S. × boscii.
 yuana *S.A. Spongberg* in *J. Arnold Arbor.*, 67(2): 257 (1986)—China.

SORGHASTRUM (Gramin.).

- balansae (*Hackel*) *P.D. Davila* in *Ann. Missouri Bot. Gard.*, 76(4): 1171 (1989); *Sorghum balansae*.
 incompletum
 var. bipennatum (*Hackel*) *P.D. Davila* in *Ann. Missouri Bot. Gard.*, 76(4): 1171 (1989); *Andropogon bipennatus*.

SORGHUM (Gramin.).

- bicolor
 var. saccharatum (*Pers.*) *B.N. Mehrotra, B.S. Aswal & B.S. Bisht*, *Companion to Chopra's Gloss. Indian Medicin. Pl.*: 143 (1987), without basionym ref.; but see also *Mohlenbrock, Illus. Fl. Illinois, Grasses, Panicum to Danthomia*: 193 (1973); S. saccharatum.
 compactum (*Lam.*) *Lag., Elenchus*: 15 (1816); cf. *D.J. Mabberley* in *Taxon*, 31(1): 72 (1982); Basionym not stated.
 melanocarpum *Huber, Cat. Graines 1868*: 7 (1868); *Wochenschrift*, 11: 182 (1868); cf. *D.J. Mabberley* in *Taxon*, 34(3): 451 (1985)—Ethiopia.
 nankinense *Huber, Cat. Graines 1867*: 6 (1867); cf. *D.J. Mabberley* in *Taxon*, 34(3): 451 (1985)—Locality not stated.
 nitidum
 subsp. dichroanthum (*Steudel*) *T. Koyama, Grasses of Japan & Neighbour. Regions*: 530 (1987); *Andropogon dichroanthus*.
 tataricum *Huber, Cat. Graines 1867*: 6 (1867); cf. *D.J. Mabberley* in *Taxon*, 34(3): 451 (1985)—Locality not stated.

SOTERANTHUS *Lehmann* ex *R. Jenny* in *Orchidee*, 37(2): 73 (1986). **ORCHIDACEAE**.

- shepherdii (*Rolfé*) *R. Jenny* in *Orchidee*, 37(2): 74 (1986); *Sievekingia shepherdii*.

SOYMIDA *A. Jussieu* in *Mirb. & Cass. apud Guill.* in *Bull. Sci. Nat. Geol.*, 23: 238 (1830); cf. *D.J. Mabberley* in *Taxon*, 31(1): 66 (1982). **MELIACEAE**.

- SOYMIDA** :-
febrifuga (*Roxb.*) *A. Juss. in Mém. Mus. Paris*, 19: 251 (1832); cf. *D.J. Mabberley in Taxon*, 31(1): 66 (1982); *Swietenia febrifuga*.
- SPANANTHE** (*Umbellif.*).
peruviana (*Wolff*) *G.K. Müller in Cat. Herb. Lipsiensis, Pl. Neotropicae*, 2: 70 (1989); *S. paniculata* var. *peruviana*.
- SPARGANIUM** (*Sparganiac.*).
emersum
subsp. *acaule* (*Beeby ex Macoun*) *C.D.K. Cook & M.S. Nicholls in Bot. Helvetica*, 96(2): 257 (1986); *S. simplex* var. *acaule*.
erectum
subsp. *stoloniferum* (*F. Hamilton ex Graebner*) *C.D.K. Cook & M.S. Nicholls in Bot. Helvetica*, 97(1): 21 (1987); *S. ramosum* subsp. *stoloniferum*.
eurycarpum
subsp. *coreanum* (*Léveillé*) *C.D.K. Cook & M.S. Nicholls in Bot. Helvetica*, 97(1): 28 (1987); *S. coreanum*.
- SPARGANOPHORUS** (*Compos.*).
sparganophora (*L.*) *C. Jeffrey in Kew Bull.*, 43(2): 272 (1988); *Ethulia sparganophora*.
- SPARREA** *A.T. Hunziker & N. Dottori in Kurtziana*, 11: 35 (1978). *ULMACEAE*.
schippii (*Standley*) *A.T. Hunziker & N. Dottori in Kurtziana*, 11: 37 (1978); *Celtis schippii*.
- SPATHIPAPPUS** (*Compos.*).
chitralensis *D. Podlech in Fl. Iran.*, 158: 151 (1986)—Pakistan.
- SPATHIPHYLLUM** (*Arac.*).
bariense *G.S. Bunting in Phytologia*, 64(6): 480 (1988)—Venezuela.
liesneri *T.B. Croat in Aroideana*, 9(1-4): 171 (1986)—Venezuela.
mawarinumae *G.S. Bunting in Phytologia*, 64(6): 480 (1988)—Venezuela.
monachinoi
var. *perangustum* *G.S. Bunting in Phytologia*, 64(6): 482 (1988)—Venezuela.
- SPATHOGLOTTIS** (*Orchidac.*).
smithii *P.J. Kores in Allertonia*, 5(1): 134 (1989)—Fiji.
- SPATHOLIRION** (*Commelinac.*).
elegans (*Cherfils*) *C.Y. Wu in Fl. Yunnanica*, 3: 685 (1983); *Streptolirion elegans*.
- SPERANSKIA** (*Euphorbiac.*).
yunnanensis *S.M. Hwang in Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 38 (1989)—China.
- SPERGULA** (*Caryophyllac.*).
arvensis
subsp. *nana* (*E.F. Linton*) *D. McClintock in Rep. Trans. Soc. Guern.*, 22(1): 111 (1986); *S. arvensis* var. *nana*.
rubra (*L.*) *F.G. Bartling in Linnaea*, 7: 625 (1832); *Arenaria rubra*.
- SPERGULARIA** (*Caryophyllac.*).
melanocaulos *P. Baltasar Merino, Algunas Pl. Rar. ... de La Guardia (Pontevedra)*: 26 (1895)—Spain.
- SPERMACOCE** (*Rubiac.*).
bahamensis (*Britton*) *R.A. Howard in Phytologia*, 65(4): 287 (1988); *Borreria bahamensis*.
berteroana *R.A. Howard in Phytologia*, 65(4): 287 (1988), nom. nov.: *Borreria scandens* *DC.*
bispala *B. Verdcourt in Fl. Zambes.*, 5(1): 172 (1989)—Zimbabwe.
brachysepala (*Urban*) *H.A. Liogier in H.A. Liogier & L.F. Martorell, Fl. Puerto Rico & Adiac. Isl.: System. Synop.*: 249 (1982); *Borreria brachysepala*.
brittonii (*Standley*) *R.A. Howard in Phytologia*, 65(4): 288 (1988); *Borreria brittonii*.
bucklei *F.R. Fosberg in Brittonia*, 40(1): 64 (1988)—Australia (Queensland).
- SPERMACOCE** :-
capillaris (*Correll*) *R.A. Howard in Phytologia*, 65(4): 288 (1988); *Borreria capillaris*.
densiflora (*DC.*) *Alain H. Liogier in Phytologia*, 64(5): 347 (1988); *Borreria densiflora*.
dispersa (*Hook. f.*) *F.R. Fosberg in Phytologia*, 62(3): 182 (1987); *Borreria dispersa*.
dussii (*Standley*) *R.A. Howard in Phytologia*, 65(4): 288 (1988); *Borreria dussii*.
ericifolia (*Hook. f.*) *F.R. Fosberg in Phytologia*, 62(3): 182 (1987); *Borreria ericifolia*.
everistiana *F.R. Fosberg in Brittonia*, 40(1): 61 (1988)—Australia (Queensland).
felis-insulae (*Correll*) *R.A. Howard in Phytologia*, 65(4): 288 (1988); *Borreria felis-insulae*.
inaguensis (*Britton*) *R.A. Howard in Phytologia*, 65(4): 288 (1988); *Borreria inaguensis*.
intricans (*Hepper*) *H.M. Burkill in Kew Bull.*, 41(4): 1006 (1986); *Borreria intricans*.
linearifolia (*Hook. f.*) *F.R. Fosberg in Phytologia*, 62(3): 182 (1987); *Borreria linearifolia*.
litoralis (*Urb.*) *Alain H. Liogier in Phytologia*, 64(5): 348 (1988); *Borreria litoralis*.
macrantha (*Hepper*) *H.M. Burkill in Kew Bull.*, 41(4): 1006 (1986); *Borreria macrantha*.
malabarica (*Sivar. & Mani.*) *V.V. Sivarajan, R. Vasudevan Nair & T.U. Ahmed Kanju in Proc. Indian Acad. Sci., Pl. Sci.*, 97(4): 355 (1987); *Borreria malabarica*.
nesiotica (*Robinson*) *G.A. Levin in Levin & Moran, Vasc. Fl. Isla Socorro, Mexico (Mem. San Diego Soc. Nat. Hist.* 16): 51 (1989); *Borreria nesiotica*.
perpusilla (*Hook. f.*) *F.R. Fosberg in Phytologia*, 62(3): 182 (1987); *Borreria perpusilla*.
princeae
var. *mwiniungae* *B. Verdcourt in Fl. Zambes.*, 5(1): 180 (1989)—Zambia.
ramanii *V.V. Sivarajan & R.V. Nair in Taxon*, 35(2): 367 (1986)—India.
rosea (*Urb.*) *Alain H. Liogier in Phytologia*, 64(5): 348 (1988); *Borreria rosea*.
rotundifolia (*Anderss.*) *F.R. Fosberg in Phytologia*, 62(3): 183 (1987); *Borreria rotundifolia*.
samfya *B. Verdcourt in Fl. Zambes.*, 5(1): 186 (1989)—Zambia.
savannarum (*Britton*) *R.A. Howard in Phytologia*, 65(4): 288 (1988); *Borreria savannarum*.
saxicola (*K. Schum.*) *H.M. Burkill in Kew Bull.*, 41(4): 1006 (1986); *Borreria saxicola*.
schlechteri *K. Schum. ex B. Verdcourt in Fl. Zambes.*, 5(1): 180 (1989)—Mozambique.
sintensisii (*Urb.*) *Alain H. Liogier in Phytologia*, 64(5): 348 (1988); *Borreria laevis* var. *sintensisii*.
spermacocina (*K. Schum.*) *D.M. Bridson & C. Puff in Kew Bull.*, 44(1): 138 (1989); *Paragophyton spermacocinum*.
suberecta (*Hook. f.*) *F.R. Fosberg in Phytologia*, 62(3): 183 (1987); *Borreria suberecta*.
thymifolia (*Griseb.*) *R.A. Howard in Phytologia*, 65(4): 288 (1988); *Borreria thymifolia*.
- SPHAERADENIA** (*Cyclanthac.*).
pendula *B.E. Hammel in Phytologia*, 60(1): 11 (1986)—Costa Rica, Panama.
- SPHAERANTIA** *Peter G. Wilson & B.P.M. Hyland in Telopea*, 3(2): 260 (1988). *MYRTACEAE*.
chartacea *Peter G. Wilson & B.P.M. Hyland in Telopea*, 3(2): 262 (1988)—Australia (Queensland).
discolor *Peter G. Wilson & B.P.M. Hyland in Telopea*, 3(2): 262 (1988)—Australia (Queensland).
- SPHAEROBAMBOS** *S. Dransfield in Kew Bull.*, 44(3): 428 (1989). *GRAMINEAE*.
hirsuta *S. Dransfield in Kew Bull.*, 44(3): 428 (1989)—Borneo (Sabah).
philippinensis (*Gamble*) *S. Dransfield in Kew Bull.*, 44(3): 432 (1989); *Guadua philippinensis*.
subtilis *S. Dransfield in Kew Bull.*, 44(3): 432 (1989)—Celebes.
- SPHAEROCORYNE** (*Annonac.*).
gracilis (*Engl. & Diels*) *B. Verdcourt in Kew Bull.*, 41(2): 295 (1986); *Popowia gracilis*.
subsp. *engleriana* (*Exell & Mendonça*) *B. Verdcourt in Kew Bull.*, 41(2): 295 (1986); *Popowia engleriana*.
- SPHAEROSACME** *Wall. ex Royle, Ill. Bot. Himal. Mts.*: 142 (1835); cf. *D.J. Mabberley in Blumea*, 31(1): 135 (1985). *MELIACEAE*. †
- SPHEDAMNOCARPUS** (*Malpighiac.*).
pruriens
subsp. *galphimifolius* (*Juss.*) *P.D. de Villiers & D.J. Botha in Fl. S. Afr.*, 18(3): 67 (1986); *Acridocarpus galphimifolius*.
- SPHENOPUS** (*Gramin.*).
divaricatus
subsp. *permicranthus* (*Hauskn.*) *H. Scholz in Willdenowia*, 19(2): 410 (1990); *S. gouanii* var. *permicrantha*.
- SPHENOSTEMON** (*Sphenostemonac.*).
sect. *Apetalae* (*Steen.*) *C.G.G.J. van Steenis in Fl. Males.*, 10(2): 147 (1986); *S. ser. Apetalae*.
- SPHINGIPHILA** *A.H. Gentry in Syst. Bot.*, 15(2): 277 (1990). *BIGNONIACEAE*.
tetramera *A.H. Gentry in Syst. Bot.*, 15(2): 277 (1990)—Paraguay.
- SPHYROSPERMUM** (*Ericac.*).
campanulatum *J.L. Luteyn in Op. Bot.*, 92: 126 (1987)—Colombia.
dissimile (*Blake*) *J.L. Luteyn in Op. Bot.*, 92: 126 (1987), without basionym ref.: *Vaccinium dissimile*.
distichum *J.L. Luteyn in Op. Bot.*, 92: 124 (1987)—Colombia.
munchiqueense *J.L. Luteyn in Op. Bot.*, 92: 124 (1987)—Colombia.
- SPIGELIA** (*Loganiac.*).
cipoensis *D.C. Zappi in Bol. Bot. (São Paulo)*, 11: 88 (1989)—Brazil.
- SPILANTHES** (*Compos.*).
calva
var. *oleracea* (*Jacq.*) *B.N. Mehrotra, B.S. Aswal & B.S. Bisht, Companion to Chopra's Gloss. Indian Medicin. Pl.*: 143 (1987), without basionym ref.: *S. oleracea*.
- SPINACIA** (*Crucif.*).
oleracea
var. *bullata* *M.M. Girenko in Kulturnaya Fl. SSSR*, 12: 107 (1988)—Cultivation U.S.S.R. ex America, Europe.
subsp. *orientalis* *M.M. Girenko in Kulturnaya Fl. SSSR*, 12: 107 (1988)—Cultivation U.S.S.R. ex North Africa, Asia.
var. *subspontanea* *M.M. Girenko in Kulturnaya Fl. SSSR*, 12: 108 (1988)—Cultivation U.S.S.R. ex Nepal, India.
- SPINIFEX** (*Gramin.*).
dioicus *F. Buchanan-Hamilton ex L.W. Dillwyn, Rev. Hortus Malab.*: 69 (1839); fide *D.J. Mabberley in Taxon*, 26(5-6): 533 (1977)—India.
- SPIRADICLIS** (*Rubiac.*).
arunachalensis *D.B. Deb & R.C. Rout in Candollea*, 44(1): 225 (1989)—India, Assam, China.
baishaiensis *X.X. Chen & W.L. Sha in Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 107 (1988)—China.
coccinea *H.S. Lo in Bull. Bot. Res. North-East. Forest. Inst.*, 6(4): 38 (1986)—China.
guangdongensis *H.S. Lo in Acta Bot. Yunnanica*, 9(3): 299 (1987)—China.
hainanensis *H.S. Lo in Acta Bot. Yunnanica*, 9(3): 301 (1987)—Hainan.
howii *H.S. Lo in Bull. Bot. Res. North-East. Forest. Inst.*, 6(4): 41 (1986)—China.
purpureocaulis *H.S. Lo in Bull. Bot. Res. North-East. Forest. Inst.*, 6(4): 39 (1986)—China.
seshagirii *D.B. Deb & R.C. Rout in Candollea*, 44(1): 227 (1989)—India.
umbelliformis *H.S. Lo in Bull. Bot. Res. North-East. Forest. Inst.*, 6(4): 36 (1986)—China.
xizangensis *H.S. Lo in Bull. Bot. Res. North-East. Forest. Inst.*, 6(4): 43 (1986)—Xizang.

SPIRAEA (Rosac.).

- arunachalensis G. Panigrahi & K.M. Purohit in *Bull. Bot. Surv. India*, 26(1-2): 83 (1984 publ. 1985)—India.
- callosa C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 471 (1784)—Japan.†
- chambacensis K.M. Purohit & G. Panigrahi in *Bull. Bot. Surv. India*, 25(1-4): 230 (1983 publ. 1985)—India.
- daochengensis L.T. Lu in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 49 (1989), as 'daochegensis'—China.
- darjeelingensis G. Panigrahi & K.M. Purohit in *Bull. Bot. Surv. India*, 26(1-2): 83 (1984 publ. 1985)—India, Sikkim.
- emarginata K.M. Purohit & G. Panigrahi in *Bull. Bot. Surv. India*, 26(1-2): 88 (1984 publ. 1985)—India.
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 var. arenicola (Britton) G.A. Mulligan & D.B. Munro in *Nat. Canad.*, 116(1): 46 (1989 publ. 1990): S. arenicola.
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- tundjeliensis Kit Tan & F. Sorger in *Pl. Syst. Evol.*, 155(1-4): 99 (1987)—Turkey.

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willemseii *Kit Tan & Hedge in Notes Roy. Bot. Gard. Edinburgh*, 45(3): 451 (1988 publ. 1989)—Turkey.
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brachystachyus (*C.Y. Wu & S.K. Chen*) *Y.C. Tang & Y.L. Cao in Acta Bot. Yunnanica*, 10(3): 349 (1988); *S. chinensis* var. *brachystachyus*.
calcareus *H.T. Chang & Z.R. Xu in Acta Sci. Nat. Univ. Sunyatseni*, 1986(2): 98 (1986), without type—China.
callosus *C.Y. Wu in Fl. Yunnanica*, 3: 344 (1983)—China.
chinensis
var. *brachystachyus* *C.Y. Wu & S.K. Chen in Fl. Yunnanica*, 3: 348 (1983)—China, Xizang.
himalaicus
var. *alatifolius* *C.Y. Wu in Fl. Yunnanica*, 3: 343 (1983)—China.
var. *dasyrachis* *C.Y. Wu in Fl. Yunnanica*, 3: 344 (1983)—China.
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×herrenhusana *R. Jenny in Orchidee*, 40(1): 32 (1989)—Colombia. (*S. reichenbachiana* × *tricornis*).
×horichiana *R. Jenny in Orchidee*, 39(1): 8 (1988)—Costa Rica.
panamensis *N.H. Williams & W.M. Whitten in Lindleyana*, 3(1): 9 (1988)—Panama.
pozoi *C.H. Dodson & D.E. Bennett in Ic. Pl. Trop.*, Ser. 2, 2: t. 177 (1989)—Ecuador, Peru.
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capitella (*Pau*) *Font Quer & Rothmaler, Sched. Fl. Iber. Select., Cent. II-III*, n. 168 (1935); cf. *C. Navarro, M. Gutiérrez-Bustillo & A.G. Bueno in Fontqueria*, 7: 13 (1985); *Armeria capitella*.
dertosensis *Font Quer & Rothmaler, Sched. Fl. Iber. Select., Cent. II-III*, n. 171 (1935); cf. *C. Navarro, M. Gutiérrez-Bustillo & A.G. Bueno in Fontqueria*, 7: 13 (1985), nom. nov.: *Armeria fontqueri Pau ex Font Quer*.
floribunda *Lem. ex Huber, Wochenschrift*, 9: 81 (1866); cf. *D.J. Mabberley in Taxon*, 34(3): 451 (1985)—Locality not stated.
isernii (*Vicioso & Beltrán*) *Font Quer & Rothmaler, Sched. Fl. Iber. Select., Cent. II-III*, n. 174 (1935); cf. *C. Navarro, M. Gutiérrez-Bustillo & A.G. Bueno in Fontqueria*, 7: 13 (1985); *Armeria caespitosa* var. *isernii*.
longearistata (*Boiss. & Reuter*) *Font Quer & Rothmaler, Sched. Fl. Iber. Select., Cent. II-III*, n. 169 (1935); cf. *C. Navarro, M. Gutiérrez-Bustillo & A.G. Bueno in Fontqueria*, 7: 13 (1985); *Armeria longearistata*.
macrophylla (*Boiss. & Reuter*) *Font Quer & Rothmaler, Sched. Fl. Iber. Select., Cent. II-III*, n. 167 (1935); cf. *C. Navarro, M. Gutiérrez-Bustillo & A.G. Bueno in Fontqueria*, 7: 13 (1985); *Armeria macrophylla*.
- STAUNTONIA** (Lardizabalac.).
brunoniana (*Decne*) *W.B. Hemsley in Hook. Ic. Pl.*: t. 2843 (1907); *Parvatia brunoniana*.
conspicua *R.H. Chang in Acta Phytotax. Sin.*, 25(3): 235 (1987)—China.
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gibbosicalcar *G. Seidenfaden in Op. Bot.*, 95: 95 (1988)—Thailand.
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joiceyanus (*J.J. Smith*) *G. Seidenfaden in Op. Bot.*, 95: 96 (1988); *Trichoglottis joiceyana*.
loratus (*Rolfé ex Downie*) *G. Seidenfaden in Op. Bot.*, 95: 95 (1988); *Ascochilus loratus*.
ramosus (*Lindl.*) *G. Seidenfaden in Op. Bot.*, 95: 95 (1988); *Saccolabium ramosum*.
- STAUROGYNE** (Acanthac.).
leptocaulis
subsp. *decumbens* *R.M. Barker in J. Adelaide Bot. Gard.*, 9: 62 (1986)—Australia (W. Australia, N. Terr., Queensland).
longicuneata *H.S. Lo in Bull. Bot. Res. North-East. Forest. Inst.*, 8(1): 2 (1988)—China.
scopulicola *R. Kiew in Malayan Nat. J.*, 43(4): 245 (1990)—Malaya.
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conjugata *J.G.C. Lehmann in Sem. Hort. Bot. Hamb.*: 18 (1826)—Locality not stated. †
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trimestris (*L.*) *T. Luque & J.A. Devesa in Lagasalia*, 14(2): 237 (1986); *Lavatera trimestris*.
var. *brachypoda* (*Pérez Lara*) *T. Luque & J.A. Devesa in Lagasalia*, 14(2): 238 (1986); *Lavatera trimestris* var. *brachypoda*.
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sanchezii *F. González-Medrano & R. Medina Lemos in Bol. Soc. Bot. Méx.*, 46: 37 (1984 publ. 1986)—Mexico.
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albiflora *J.A. Steyermark in Ann. Missouri Bot. Gard.*, 74(3): 609 (1987)—Venezuela.
huberi *J.A. Steyermark in Ann. Missouri Bot. Gard.*, 74(3): 610 (1987)—Venezuela.
humilis *J.A. Steyermark in Ann. Missouri Bot. Gard.*, 74(3): 611 (1987)—Venezuela.
minor *J.A. Steyermark in Ann. Missouri Bot. Gard.*, 75(1): 315 (1988)—Venezuela.
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spathellosa (*Doell*) *S.A. Renvoize in Kew Bull.*, 42(4): 921 (1987); *Panicum spathellosum*.
- STEIRACTINIA** (Compos.).
glandulosa
subsp. *nevadensis* *S. Díaz-Piedrahíta & C. Vélez-Nauer in Fl. Colombia*, 13: 19 (1990)—Colombia.
helianthoides (*Triana*) *S. Díaz-Piedrahíta & C. Vélez-Nauer in Fl. Colombia*, 13: 46 (1990); *Oyedaea helianthoides*.
quetamensis *S. Díaz-Piedrahíta & C. Vélez-Nauer in Fl. Colombia*, 13: 32 (1990)—Colombia.
- STELIS** (Orchidac.).
sect. *Nexipous* (*Garay*) *C.A. Luer, Ic. Pleurothallid. I-Syst. Pleurothallidinae (Monogr. Syst. Bot. Missouri Bot. Gard. 15)*: 62 (1986); *S.* subgen. *Nexipous*.
choriantha *D.D. Dod in Moscosoa*, 4: 160 (1986)—Hispaniola (Haiti).
garayi (*Dunsterv.*) *G. Carnevali & I. Ramírez in Ann. Missouri Bot. Gard.*, 77(3): 556 (1990); *Apatostelis garayi*.
glacensis *D.D. Dod in Moscosoa*, 4: 166 (1986)—Hispaniola (Haiti).
magnicava *D.D. Dod in Moscosoa*, 5: 233 (1989)—Hispaniola (Haiti).
minipetalata *D.D. Dod in Moscosoa*, 4: 162 (1986)—Hispaniola (Haiti).
mucrounata *D.D. Dod in Moscosoa*, 4: 164 (1986)—Hispaniola (Dominican Republic).
tripiculata *D.D. Dod in Moscosoa*, 4: 168 (1986)—Hispaniola (Haiti).
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alascanica *Y.Z. Zhao in Acta Sci. Nat. Univ. Intramontolicae*, 13(3): 283 (1982)—China.
antoniiana *C.R. Volponi in Kurtziana*, 18: 95 (1986)—Argentina.
bistylata *W.Z. Di & Y. Ren in Acta Bot. Bor.-Occid. Sin.*, 5(3): 231 (1985)—China.
gramineoides *Y. Hazit in Claves Pl. Xinjiang*, 2: 249 (1982), without latin descr. or type—Xinjiang.
kotschyana
subsp. *glabra* (*Bornm.*) *S.A. Ghazanfar in Fl. Pakistan*, 175: 30 (1986); *S. kotschyana* var. *glabra*.
longipes
var. *monantha* (*Hulten*) *S.L. Welsh in Great Basin Nat.*, 46(2): 255 (1986); *S. monantha*.
montana *M.D. Pierrat in Compt.-Rend. Soc. Bot. Rochelaise*, 1879(2): 58 (1880)—Locality not stated - probably France.
montioides (*Edgew. & Hook.f.*) *S.A. Ghazanfar in Fl. Pakistan*, 175: 25 (1986); *S. graminea* var. *montioides*.
nemorum
nothosubsp. *kersii* *Á.M. Romo in An. Jard. Bot. Madrid*, 44(2): 564 (1987)—Spain. (*S. nemorum* subsp. *montana* × *nemorum* subsp. *nemorum*).
palustris
subsp. *fennica* (*Murb.*) *V.G. Sergienko, Fl. polostrova Kanin*: 56 (1986); *S. palustris* var. *fennica*.
parviumbellata *Y.Z. Zhao in Acta Sci. Nat. Univ. Intramontolicae*, 20(2): 226 (1989), as 'parviumbellata'—China.
patens
var. *ovatifolia* *H. Hara in Enum. Fl. Pl. Nepal*, 2: 58 (1979)—Nepal.
pedersenii *C.R. Volponi in Kurtziana*, 18: 97 (1986)—Argentina.
sikaramensis *K.H. Rechinger in Fl. Iran.*, 163: 70 (1988)—Pakistan, Afghanistan.
undulata *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14*: 422 (1784)—Japan. †
viridifolia (*Khokhr.*) *A.P. Khokhryakov, Analiz Fl. Kolym'skogo Nagor'ya*: 10 (22 Apr 1989); *S. fischerana* subsp. *viridifolia*.
viridifolia (*Khokhr.*) *A.P. Khokhryakov & V.N. Pavlov in Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 94(5): 98 (19 Sept 1989), isonym: *S. fischerana* subsp. *viridifolia*.
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chamaejasme
f. *chrysantha* *S.C. Huang in Acta Bot. Yunnanica*, 7(3): 291 (1985)—China, Xizang.
- STELLILABIUM** (Orchidac.).
boylei *J.T. Atwood in Ic. Pl. Trop.*, 14 (Orch. Costa Rica, pt. 1): t. 1392 (1989)—Costa Rica.
bullpencense *J.T. Atwood in Ic. Pl. Trop.*, 14 (Orch. Costa Rica, pt. 1): t. 1393 (1989)—Costa Rica.
campbelliorum *J.T. Atwood in Ic. Pl. Trop.*, 14 (Orch. Costa Rica, pt. 1): t. 1394 (1989), as 'campbelliorum'—Costa Rica.
lueri *C.H. Dodson & R. Vásquez Ch. in Ic. Pl. Trop.*, Ser. 2, 4: t. 381 (1989)—Bolivia.
monteverdense *J.T. Atwood in Ic. Pl. Trop.*, 14 (Orch. Costa Rica, pt. 1): t. 1395 (1989)—Costa Rica.
pampatamboense *C.H. Dodson & R. Vásquez Ch. in Ic. Pl. Trop.*, Ser. 2, 4: t. 382 (1989)—Bolivia.
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rhapontica
subsp. *lamarckii* *M. Dittrich in Candollea*, 45(2): 491 (1990)—Switzerland.
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bissei *N.N. Tsvetlev in Bot. Zhurn.*, 72(12): 1662 (1987)—Cuba.
florulenta *W.R. Barker in J. Adelaide Bot. Gard.*, 13: 90 (1990), nom. nov.: *Morgania floribunda* *Benth.*
fruticulosa *N.N. Tsvetlev in Bot. Zhurn.*, 72(12): 1663 (1987)—Cuba.
glabella *W.R. Barker in J. Adelaide Bot. Gard.*, 13: 90 (1990), nom. nov.: *Morgania glabra* *R. Br.*
lathraia *W.R. Barker in J. Adelaide Bot. Gard.*, 13: 90 (1990), nom. nov.: *Morgania parviflora* *Benth.*
mutisii *J.L. Fernández Alonso in An. Jard. Bot. Madrid*, 44(2): 394 (1987)—Colombia.

STEMODIA :-

- pubescens (*R. Br.*) *W.R. Barker in J. Adelaide Bot. Gard.*, 13: 90 (1990): *Morgania pubescens*.
 tephropelina *W.R. Barker in J. Adelaide Bot. Gard.*, 13: 90 (1990)—Australia (N. Terr., W. Australia).

STEMODIOPSIS (Scrophulariac.).

- glandulosa *D. Philcox in Fl. Zambes.*, 8(2): 42 (1990)—Zambia.

STEMONA (Stemonac.).

- angusta *I.R.H. Telford in Fl. Australia*, 46: 230, 180 (1986)—Australia (Queensland).
 prostrata *I.R.H. Telford in Fl. Australia*, 46: 230, 178 (1986)—Australia (N. Terr.).

STENANDRIUM (Acanthac.).

- goiassense *D.C. Wasshausen in Brittonia*, 42(1): 4 (1990)—Brazil.
 hatschbachii *D.C. Wasshausen in Brittonia*, 42(1): 1 (1990)—Brazil.
 irwinii *D.C. Wasshausen in Brittonia*, 42(1): 4 (1990)—Brazil.

STENIA (Orchidac.).

- bismarckii *C.H. Dodson & D.E. Bennett in Ic. Pl. Trop.*, Ser. 2, 2: t. 179 (1989)—Peru, Ecuador.
 calceolaris (*Garay*) *C.H. Dodson & D.E. Bennett in Ic. Pl. Trop.*, Ser. 2, 2: t. 180 (1989): *Chaubardiella calceolaris*.
 caudata (*Ackerman*) *C.H. Dodson & D.E. Bennett in Ic. Pl. Trop.*, Ser. 2, 2: t. 181 (1989): *Chondrorhyncha caudata*.
 palorae *C.H. Dodson & Hirtz in Ic. Pl. Trop.*, Ser. 2, 6: t. 583 (1989)—Ecuador.
 vasquezii *C.H. Dodson in Ic. Pl. Trop.*, Ser. 2, 4: t. 384 (1989)—Bolivia.

STENOCARPUS (Proteac.).

- cryptocarpus *D.B. Foreman & B.P.M. Hyland in Muelleria*, 6(6): 422 (1988)—Australia (Queensland).
 davallioides *D.B. Foreman & B.P.M. Hyland in Muelleria*, 6(6): 419 (1988)—Australia (Queensland).

STENOCEPHALUM (Compos.).

- hystrix (*Chodat*) *H. Robinson in Proc. Biol. Soc. Wash.*, 100(3): 583 (1987): *Vernonia hystrix*.
 jucundum (*Gleason*) *H. Robinson in Proc. Biol. Soc. Wash.*, 100(3): 583 (1987): *Vernonia jucunda*.

STENOGYNE (Labiata.).

- acuta *H. St. John in Phytologia*, 63(3): 159 (1987)—Hawaiian Is.
 adpressa *H. St. John in Phytologia*, 63(3): 159 (1987)—Hawaiian Is.
 adscendens *H. St. John in Phytologia*, 63(3): 159 (1987)—Hawaiian Is.
 alakaiensis *H. St. John in Phytologia*, 63(3): 159 (1987)—Hawaiian Is.
 alba *H. St. John in Phytologia*, 63(3): 159 (1987)—Hawaiian Is.
 albimontis *H. St. John in Phytologia*, 63(3): 159 (1987)—Hawaiian Is.
 alternans *H. St. John in Phytologia*, 63(3): 159 (1987)—Hawaiian Is.
 ambiobutata *H. St. John in Phytologia*, 63(3): 160 (1987)—Hawaiian Is.
 angularis *H. St. John in Phytologia*, 63(3): 160 (1987)—Hawaiian Is.
 bracteosa *H. St. John in Phytologia*, 63(3): 160 (1987)—Hawaiian Is.
 calaminthoides
 var. kulaniensis *H. St. John in Phytologia*, 63(3): 160 (1987)—Hawaiian Is.
 calvata *H. St. John in Phytologia*, 63(3): 160 (1987)—Hawaiian Is.
 campanulata *S.G. Weller & A. Sakai in Bishop Mus. Occas. Pap.*, 29: 101 (1989)—Hawaiian Is.
 ciliata *H. St. John in Phytologia*, 63(3): 160 (1987)—Hawaiian Is.
 conscandens *H. St. John in Phytologia*, 63(3): 160 (1987)—Hawaiian Is.
 coriacea *H. St. John in Phytologia*, 63(3): 160 (1987)—Hawaiian Is.
 davisiae *H. St. John in Phytologia*, 63(3): 160 (1987), as 'davisae'—Hawaiian Is.

STENOGYNE :-

- decumbens *H. St. John in Phytologia*, 63(3): 161 (1987)—Hawaiian Is.
 deltoidea *H. St. John in Phytologia*, 63(3): 161 (1987)—Hawaiian Is.
 diantha *H. St. John in Phytologia*, 63(3): 161 (1987)—Hawaiian Is.
 douglasii *H. St. John in Phytologia*, 63(3): 161 (1987)—Hawaiian Is.
 earina *H. St. John in Phytologia*, 63(3): 161 (1987)—Hawaiian Is.
 elliptica *H. St. John in Phytologia*, 63(3): 161 (1987)—Hawaiian Is.
 elliptilobata *H. St. John in Phytologia*, 63(3): 161 (1987)—Hawaiian Is.
 flava *H. St. John in Phytologia*, 63(3): 161 (1987)—Hawaiian Is.
 forbesii (*Sherff*) *H. St. John in Phytologia*, 63(3): 162 (1987): *S. purpurea* var. *forbesii*.
 fruticosa *H. St. John in Phytologia*, 63(3): 162 (1987)—Hawaiian Is.
 fusca *H. St. John in Phytologia*, 63(3): 162 (1987)—Hawaiian Is.
 gracilis (*Sherff*) *H. St. John in Phytologia*, 63(3): 162 (1987): *S. macrantha* var. *gracilis*.
 hamakuensis *H. St. John in Phytologia*, 63(3): 162 (1987)—Hawaiian Is.
 hawaiiensis *H. St. John in Phytologia*, 63(3): 162 (1987)—Hawaiian Is.
 hemidasys *H. St. John in Phytologia*, 63(3): 162 (1987)—Hawaiian Is.
 hiloensis *H. St. John in Phytologia*, 63(3): 162 (1987)—Hawaiian Is.
 hosakae *H. St. John in Phytologia*, 63(3): 162 (1987)—Hawaiian Is.
 huluhuluensis *H. St. John in Phytologia*, 63(3): 163 (1987)—Hawaiian Is.
 humululaensis *H. St. John in Phytologia*, 63(3): 163 (1987)—Hawaiian Is.
 integra *H. St. John in Phytologia*, 63(3): 163 (1987)—Hawaiian Is.
 kaalae
 var. obatae *H. St. John in Phytologia*, 63(3): 163 (1987)—Hawaiian Is.
 var. pearsallii *H. St. John in Phytologia*, 63(3): 163 (1987)—Hawaiian Is.
 kamehamehae
 f. albiflora (*Sherff*) *H. St. John in Phytologia*, 63(3): 163 (1987): *S. kamehamehae* var. *albiflora*.
 kauaiensis *H. St. John in Phytologia*, 63(3): 163 (1987)—Hawaiian Is.
 kilaueae *H. St. John in Phytologia*, 63(3): 163 (1987)—Hawaiian Is.
 kipahuluensis *H. St. John in Phytologia*, 63(3): 163 (1987)—Hawaiian Is.
 konaensis *H. St. John in Phytologia*, 63(3): 163 (1987)—Hawaiian Is.
 kukuiensis *H. St. John in Phytologia*, 63(3): 164 (1987)—Hawaiian Is.
 kulaensis *H. St. John in Phytologia*, 63(3): 164 (1987)—Hawaiian Is.
 lactea *H. St. John in Phytologia*, 63(3): 164 (1987)—Hawaiian Is.
 laculata *H. St. John in Phytologia*, 63(3): 164 (1987)—Hawaiian Is.
 laevis *H. St. John in Phytologia*, 63(3): 164 (1987)—Hawaiian Is.
 lanceolata *H. St. John in Phytologia*, 63(3): 164 (1987)—Hawaiian Is.
 latisepala (*Sherff*) *H. St. John in Phytologia*, 63(3): 164 (1987): *S. kaalae* var. *latisepala*.
 lehuensis *H. St. John in Phytologia*, 63(3): 164 (1987)—Hawaiian Is.
 leptophylla (*Sherff*) *H. St. John in Phytologia*, 63(3): 164 (1987): *S. purpurea* var. *leptophylla*.
 var. retrorsa *H. St. John in Phytologia*, 63(3): 164 (1987)—Hawaiian Is.
 linearis *H. St. John in Phytologia*, 63(3): 165 (1987)—Hawaiian Is.
 longiloba *H. St. John in Phytologia*, 63(3): 165 (1987)—Hawaiian Is.
 lutea *H. St. John in Phytologia*, 63(3): 165 (1987)—Hawaiian Is.
 mamaneola *H. St. John in Phytologia*, 63(3): 165 (1987)—Hawaiian Is.
 meeboldii (*Sherff*) *H. St. John in Phytologia*, 63(3): 165 (1987): *S. angustifolia* var. *meeboldii*.

STENOGYNE :-

- mollissima (*Skotts.*) *H. St. John in Phytologia*, 63(3): 165 (1987): *S. rugosa* f. *mollissima*.
 montana *H. St. John in Phytologia*, 63(3): 165 (1987)—Hawaiian Is.
 montideae *H. St. John in Phytologia*, 63(3): 165 (1987)—Hawaiian Is.
 multiflora *H. St. John in Phytologia*, 63(3): 165 (1987)—Hawaiian Is.
 nahukuensis *H. St. John in Phytologia*, 63(3): 167 (1987)—Hawaiian Is.
 nigra *H. St. John in Phytologia*, 63(3): 167 (1987)—Hawaiian Is.
 novalimontis *H. St. John in Phytologia*, 63(3): 167 (1987)—Hawaiian Is.
 oblonga (*Sherff*) *H. St. John in Phytologia*, 63(3): 167 (1987): *S. rotundifolia* var. *oblonga*.
 ohiascandens *H. St. John in Phytologia*, 63(3): 167 (1987)—Hawaiian Is.
 olaaensis *H. St. John in Phytologia*, 63(3): 167 (1987)—Hawaiian Is.
 olowaluensis *H. St. John in Phytologia*, 63(3): 167 (1987)—Hawaiian Is.
 oonoides *H. St. John in Phytologia*, 63(3): 167 (1987)—Hawaiian Is.
 ovata *H. St. John in Phytologia*, 63(3): 167 (1987)—Hawaiian Is.
 oxyodonta (*Sherff*) *H. St. John in Phytologia*, 63(3): 166 (1987): *S. calaminthoides* var. *oxyodonta*.
 pedunculata *H. St. John in Phytologia*, 63(3): 166 (1987)—Hawaiian Is.
 pilosa *H. St. John in Phytologia*, 63(3): 166 (1987)—Hawaiian Is.
 pubicostata *H. St. John in Phytologia*, 63(3): 166 (1987)—Hawaiian Is.
 recta *H. St. John in Phytologia*, 63(3): 166 (1987)—Hawaiian Is.
 remyi (*Sherff*) *H. St. John in Phytologia*, 63(3): 166 (1987): *S. scrophularioides* var. *remyi*.
 repens *H. St. John in Phytologia*, 63(3): 166 (1987)—Hawaiian Is.
 retrorsa *H. St. John in Phytologia*, 63(3): 166 (1987)—Hawaiian Is.
 rhuakos *H. St. John in Phytologia*, 63(3): 166 (1987)—Hawaiian Is.
 rockii *H. St. John in Phytologia*, 63(3): 168 (1987)—Hawaiian Is.
 rotundifolia
 var. salebrosa *H. St. John in Phytologia*, 63(3): 168 (1987)—Hawaiian Is.
 rubra *H. St. John in Phytologia*, 63(3): 168 (1987)—Hawaiian Is.
 rugosa
 var. imberbis *H. St. John in Phytologia*, 63(3): 168 (1987)—Hawaiian Is.
 var. monticola *H. St. John in Phytologia*, 63(3): 168 (1987)—Hawaiian Is.
 var. pubens *H. St. John in Phytologia*, 63(3): 168 (1987)—Hawaiian Is.
 var. pubinervis *H. St. John in Phytologia*, 63(3): 168 (1987)—Hawaiian Is.
 var. punaensis *H. St. John in Phytologia*, 63(3): 169 (1987)—Hawaiian Is.
 var. remota *H. St. John in Phytologia*, 63(3): 169 (1987)—Hawaiian Is.
 semipilosa *H. St. John in Phytologia*, 63(3): 169 (1987)—Hawaiian Is.
 septentrionalis *H. St. John in Phytologia*, 63(3): 169 (1987)—Hawaiian Is.
 serrata *H. St. John in Phytologia*, 63(3): 169 (1987)—Hawaiian Is.
 serrulata *H. St. John in Phytologia*, 63(3): 169 (1987)—Hawaiian Is.
 sessilis
 var. hanaulaensis *H. St. John in Phytologia*, 63(3): 169 (1987)—Hawaiian Is.
 var. lanceolata *H. St. John in Phytologia*, 63(3): 169 (1987)—Hawaiian Is.
 var. pilosa *H. St. John in Phytologia*, 63(3): 169 (1987)—Hawaiian Is.
 var. wailukuensis *H. St. John in Phytologia*, 63(3): 170 (1987)—Hawaiian Is.
 subsessilis *H. St. John in Phytologia*, 63(3): 170 (1987)—Hawaiian Is.
 teres *H. St. John in Phytologia*, 63(3): 170 (1987)—Hawaiian Is.
 triangularis *H. St. John in Phytologia*, 63(3): 170 (1987)—Hawaiian Is.

STENOXYNE :-

- villosa* H. St. John in *Phytologia*, 63(3): 170 (1987)—Hawaiian Is.
viridialba H. St. John in *Phytologia*, 63(3): 170 (1987)—Hawaiian Is.
volanica H. St. John in *Phytologia*, 63(3): 170 (1987)—Hawaiian Is.
waimeana (Sherff) H. St. John in *Phytologia*, 63(3): 170 (1987): *S. calaminthoides* var. *waimeana*.
warshaueri H. St. John in *Phytologia*, 63(3): 170 (1987)—Hawaiian Is.
wilkesii (Sherff) H. St. John in *Phytologia*, 63(3): 171 (1987): *S. sessilis* var. *wilkesii*.

STENOMESSION (Amaryllidac.).

- sect. Adnata* P. Ravenna in *Onira, Bot. Leaflet*, 1(2): 20 (1988).
cucoense (Varg.) P. Ravenna in *Onira, Bot. Leaflet*, 1(2): 20 (1988): *Urceolina cucoensis*.
gasteroides P. Ravenna in *Onira, Bot. Leaflet*, 1(2): 18 (1988)—Peru.
parvulum P. Ravenna in *Onira, Bot. Leaflet*, 1(2): 17 (1988)—Peru.
sunchubambae P. Ravenna in *Onira, Bot. Leaflet*, 1(2): 17 (1988)—Peru.
weberbaueri (Varg.) P. Ravenna in *Onira, Bot. Leaflet*, 1(2): 20 (1988): *Urceolina weberbaueri*.

STENOPADUS (Compos.).

- aracaensis* J.F. Pruski in *Ann. Missouri Bot. Gard.*, 76(4): 999 (1989)—Brazil.
colveei (Steyer.) J.F. Pruski in *Ann. Missouri Bot. Gard.*, 76(4): 998 (1989): *Stomatochaeta colveei*.
megacephalus J.F. Pruski in *Ann. Missouri Bot. Gard.*, 76(4): 1001 (1989)—Guyana.

STENORRHYNCHOS (Orchidac.).

- aphyllus* (Hook.) Sweet, *Hort. Brit.*, ed. 2: 485 (1830); cf. D.J. Mabberley in *Taxon*, 30(1): 17 (1981): Basionym not stated.
petensis (L.O. Wms.) P. Burns-Balogh & Greenwood in *Orquidea (México)*, 10(1): 93 (1986): *Spiranthes petensis*.
seminudum (Schltr.) P. Burns-Balogh in *Orquidea (México)*, 10(1): 93 (1986): *Spiranthes seminuda*.

STENOSPERMATION (Arac.).

- ammitticum*
subsp. neblinae G.S. Bunting in *Phytologia*, 60(5): 339 (1986)—Venezuela.
nebulense G.S. Bunting in *Phytologia*, 64(6): 482 (1988)—Venezuela.

STENOTHECA (Compos.).

- tristis* (Willd. ex Spreng.) R.N. Shlyakov in *Arktich. Fl. SSSR*, 10: 387 (1987): *Hieracium triste*.

STENOTUS (Compos.).

- pulvinatus* (R. Moran) G.L. Nesom in *Phytologia*, 67(2): 113 (1989): *Haplopappus pulvinatus*.

STEPHANIA (Menispermac.).

- brevipedunculata* C.Y. Wu & D.D. Tao in *Fl. Xizangica*, 2: 159 (1985)—Xizang.
crebra L.L. Forman in *Kew Bull.*, 43(3): 383 (1988)—Thailand.
dentifolia H.S. Lo & M. Yang in *Guihaia*, 8(4): 313 (1988)—China.
dicentrifera H.S. Lo & M. Yang in *Fl. Yunnanica*, 3: 251 (1983)—China.
ebracteata S.Y. Zhao & H.S. Lo in *Guihaia*, 10(3): 181 (1990)—China.
intermedia H.S. Lo in *Fl. Yunnanica*, 3: 247 (1983)—China.
lincangensis H.S. Lo & M. Yang in *Guihaia*, 8(4): 311 (1988)—China.
longipes H.S. Lo in *Fl. Yunnanica*, 3: 254 (1983)—China.
macrantha H.S. Lo & M. Yang in *Guihaia*, 8(4): 309 (1988)—China.
miyensis S.Y. Zhao & H.S. Lo in *Guihaia*, 10(3): 183 (1990)—China.
officinatum H.S. Lo & M. Yang in *Guihaia*, 8(4): 310 (1988)—China.
tomentella L.L. Forman in *Kew Bull.*, 43(3): 378 (1988)—Thailand.
viridiflavens H.S. Lo & M. Yang in *Fl. Yunnanica*, 3: 248 (1983)—China.

STEPHANIA :-

- yunnanensis* H.S. Lo in *Fl. Yunnanica*, 3: 250 (1983)—China.
var. trichocalyx H.S. Lo & M. Yang in *Guihaia*, 8(4): 313 (1988)—China.

STEPHANOMERIA (Compos.).

- tenuifolia*
var. uintaensis S. Goodrich & S.L. Welsh in *Great Basin Nat.*, 43(2): 375 (1983)—U.S.A. (Utah).

STEPTORHAMPHUS A. Bunge, Beitr. Fl. Russl.:

- 205 (1852). **COMPOSITAE**. †
crambifolius A. Bunge, Beitr. Fl. Russl.: 205 (1852)—U.S.S.R. (Middle Asia). †

STERCULIA (Sterculiac.).

- acerifolia* A. Cunningham ex G. Don, *Gen. Syst.*, 1: 517 (1831)—Australia. †
caribaea R. Brown, *Pterocymbium*: 228 (4 June 1844)—Caribbean Is. †
ceramica R. Brown, *Pterocymbium*: 233 (4 June 1844)—Moluccas. †
cuneata R. Brown, *Pterocymbium*: 232 (4 June 1844)—Philippine Is. †
cuspidata R. Brown, *Pterocymbium*: 232 (4 June 1844)—Sumatra. †
ferruginea R. Brown, *Pterocymbium*: 232 (4 June 1844)—Philippine Is. †
grandifolia R. Brown, *Pterocymbium*: 232 (4 June 1844)—Java. †
insularis R. Brown, *Pterocymbium*: 232 (4 June 1844)—Moluccas. †
javanica R. Brown, *Pterocymbium*: 230 (4 June 1844)—Java. †
madagascariensis R. Brown, *Pterocymbium*: 229 (4 June 1844)—Madagascar. †
mexicana R. Brown, *Pterocymbium*: 227 (4 June 1844)—Mexico. †
oblongata R. Brown, *Pterocymbium*: 232 (4 June 1844)—Philippine Is. †
obovata R. Brown, *Pterocymbium*: 233 (4 June 1844)—Tropical Africa. †
polyphylla R. Brown, *Pterocymbium*: 227 (4 June 1844)—Sumatra. †
propinqua R. Brown, *Pterocymbium*: 229 (4 June 1844)—Surinam. †
quadrifida R. Brown, *Pterocymbium*: 233 (4 June 1844)—Australia. †
rugosa R. Brown, *Pterocymbium*: 229 (4 June 1844)—Guyana. †
spangleri R. Brown, *Pterocymbium*: 230 (4 June 1844)—Java. †
stipularis R. Brown, *Pterocymbium*: 232 (4 June 1844)—Philippine Is. †
surinamensis R. Brown, *Pterocymbium*: 229 (4 June 1844)—Surinam. †
tantraensis P. Morat in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 8(4): 362 (1986 publ. 1987), nom. nov.: *Pterocymbium schumannianum* Lauterb.
triphaca R. Brown, *Pterocymbium*: 228 (4 June 1844)—S.E. Africa. †

STEREOSPERMUM (Bignoniac.).

- colais*
var. angustifolium (Haines) V. Chandrasekaran in *A.N. Henry, G.R. Kumari & V. Chithra, Fl. Tamil Nadu, India, Ser. 1*, 2: 137 (1987): *S. chelonoides* var. *angustifolium*.
var. puberula (Dop) D.D. Tao in *Fl. Reipubl. Popul. Sin.*, 69: 25 (1990): *S. personatum* var. *puberula*.

STERIGMOSTEMUM (Crucif.).

- subgen. Petiniotia* (Léonard) F. Jacquemoud in *Boissiera*, 40: 141 (1988): gen. *Petiniotia*.
eglandulosum (Botsch.) H.L. Yang in *Fl. Desert. Reipubl. Popul. Sin.*, 2: 66 (1987): *Oreoloma eglandulosum*.
fuhaiense H.L. Yang in *Fl. Desert. Reipubl. Popul. Sin.*, 2: 445 (1987)—Xinjiang.
violaceum (Botsch.) H.L. Yang in *Fl. Desert. Reipubl. Popul. Sin.*, 2: 65 (1987): *Oreoloma violaceum*.

STERIS (Caryophyllac.).

- sect. Liponeurum* (Schott, Nym. & Kotschy) S.S. Ikonnikov in *Novosti Sist. Vyssh. Rast.*, 24: 81 (1987): gen. *Liponeurum*.

STERIS :-

- sect. Polyschemone* (Schott, Nym. & Kotschy) S.S. Ikonnikov in *Novosti Sist. Vyssh. Rast.*, 24: 82 (1987): gen. *Polyschemone*.
americana (Fern.) S.S. Ikonnikov in *Novosti Sist. Vyssh. Rast.*, 24: 81 (1987): *Lychnis alpina* var. *americana*.
borealis (Böcher) S.S. Ikonnikov in *Novosti Sist. Vyssh. Rast.*, 24: 82 (1987): *Viscaria alpina* subsp. *borealis*.
nivalis (Kitt.) S.S. Ikonnikov in *Novosti Sist. Vyssh. Rast.*, 24: 82 (1987): *Lychnis nivalis*.
sartorii (Boiss.) S.S. Ikonnikov in *Novosti Sist. Vyssh. Rast.*, 24: 81 (1987): *Viscaria sartorii*.

STERNBERGIA (Amaryllidac.).

- greuteriana* G. Kamari & R. Artelari in *Willdenowia*, 19(2): 371 (1990)—Crete, Karpathos.
vernalis (Miller) R. Gorer & J.H. Harvey in *Plantsman*, 10(4): 204 (1989): *Amaryllis vernalis*.

STEVENIA (Crucif.).

- sergievskajae* (Krasnob.) R.V. Kamelin & I.A. Gubanov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 91(6): 91 (1986): *Alyssum sergievskajae*.

STEVIA (Compos.).

- alpina*
var. glutinosa L. Ariza Espinar & M.M. Cerana in *Bol. Acad. Nac. Cienc. (Cordoba)*, 57(3-4): 393 (1986)—Argentina.
caltepecana B.L. Turner in *Phytologia*, 68(1): 82 (1990)—Mexico.
chamaedry
var. glandulifera L. Ariza Espinar & M.M. Cerana in *Bol. Acad. Nac. Cienc. (Cordoba)*, 57(3-4): 391 (1986)—Argentina.
gilliesii
var. glandulosa L. Ariza Espinar & M.M. Cerana in *Bol. Acad. Nac. Cienc. (Cordoba)*, 57(3-4): 390 (1986)—Argentina.
hintonii (Grashoff) B.L. Turner in *Phytologia*, 64(3): 212 (1988): *Metastevia hintonii*.
mollis Schrad., *Ind. Sem. Hort. Acad. Gott.*, 1831: 5 (1831); *Linnaea* 8, Lit.: 25 (1834); cf. D.J. Mabberley in *Taxon*, 32(1): 86 (1983)—Locality not stated.
scabrella
var. venosa (A. Gray) B.L. Turner in *Phytologia*, 64(3): 211 (1988): *S. venosa*.
vaga
var. effusa (Hieron.) L. Ariza Espinar & M.M. Cerana in *Bol. Acad. Nac. Cienc. (Cordoba)*, 57(3-4): 386 (1986): *S. effusa*.
var. saltensis (Hieron.) L. Ariza Espinar & M.M. Cerana in *Bol. Acad. Nac. Cienc. (Cordoba)*, 57(3-4): 386 (1986): *S. effusa* var. *saltensis*.

STEVIOPSIS (Compos.).

- adenosperma* (Sch.-Bip.) B.L. Turner in *Phytologia*, 64(4): 260 (1988): *Eupatorium adenospermum*.
dryophila (B.L. Rob.) B.L. Turner in *Phytologia*, 64(4): 260 (1988): *Eupatorium dryophilum*.
nesonii B.L. Turner in *Phytologia*, 68(5): 410 (1990)—Mexico.
squamulosa (A. Gray) B.L. Turner in *Phytologia*, 64(4): 260 (1988): *Brickellia squamulosa*.
thyrsiflora (A. Gray) B.L. Turner in *Phytologia*, 64(4): 260 (1988): *Brickellia thyrsiflora*.
var. solidaginifolia (A. Gray) B.L. Turner in *Phytologia*, 64(4): 260 (1988): *Brickellia solidaginifolia*.

STEWARTIA (Theac.).

- acutisepala* P.L. Chiu & G.R. Zhong in *Acta Bot. Yunnanica*, 10(1): 57 (1988), with two types cited—China.

STEWARTIELLA (Umbellif.).

- crucifolia* (Gilli) I.C. Hedge & J.M. Lamond in *Fl. Iran.*, 162: 213 (1987): *Ferula crucifolia*.

STEYERBROMELIA L.B. Smith in *Acta Bot.*

- Venezuel., 14(3): 8 (1984), without type; in *Ann. Missouri Bot. Gard.*, 73(4): 699 (1986 publ. 1987), with type. **BROMELIACEAE**.

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 bogneri S.J. Mayo in *Fl. Trop. E. Afr., Arac.*: 53 (1985), as 'Stylochiton'—Tanzania, Kenya.
 milneanus S.J. Mayo in *Fl. Trop. E. Afr., Arac.*: 47 (1985), as 'Stylochiton'—Tanzania.

STYLOCHAETON :-

oligocarpum *H. Riedl in Linz. Biol. Beitr.*, 22(1): 297 (1990), as 'Stylochiton'—Ethiopia.

STYLOGYNE (Myrsinac.).

bracteolata (*Lundell*) *J.J. Pipoly in Ernstia*, 53: 2 (1989); *Cybianthus bracteolatus*.
lasseri (*Lundell*) *J.J. Pipoly in Ernstia*, 53: 4 (1989); *Ardisia lasserii*.
membranacea *J.J. Pipoly in Ernstia*, 53: 6 (1989)—Venezuela.

STYLOSANTHES (Legumin.).

guianensis
var. pauciflora *M. Brandão, N.M.S. Costa & R. Schultze-Kraft in Prog. Resum. Soc. Bot. Brasil, XXXVI Congr. Nac. Bot., Curitiba: 323 (1985)*, without latin descr. or type—Brazil, Colombia.

STYPHELIA (Epacridac.).

violaceospicata (*Guillaumin*) *G. McPherson in Bull. Mus. Nation. Hist. Nat., B. Adansonia, Ser. 4, 7(4): 453 (1985 publ. 1986)*; *Leucopogon violaceospicatus*.

STYPHNOLOBIUM (Legumin.).

caudatum *M. Sousa S. & Rudd in Ann. Missouri Bot. Gard.*, 77(3): 573 (1990)—Nicaragua.
conzattii (*Standley*) *M. Sousa S. & Rudd in Ann. Missouri Bot. Gard.*, 77(3): 575 (1990); *Sophora conzattii*.

STYRAX (Styracac.).

bashanensis *S.Z. Qu & K.Y. Wang in Bull. Bot. Res. North-East. Forest. Inst.*, 9(1): 27 (1989)—China.
japonica
var. longipedunculata *Z.Y. Zhang in Fl. Tsinlingensis*, 1(4): 395, 63 (1983)—China.
var. nervillosa *Z.Y. Zhang in Fl. Tsinlingensis*, 1(4): 395, 63 (1983)—China.
macrocarpa *C.Y. Wu in Fl. Yunnanica*, 3: 427 (1983)—China.
mallotifolia *C.Y. Wu in Fl. Yunnanica*, 3: 420 (1983)—China.

SUAEDA (Chenopodiac.).

arcuata *A. Bunge, Beitr. Fl. Russl.*: 285 (1852)—U.S.S.R. (Middle Asia).†
foliosa
subsp. tenuifolia (*Phil.*) *A. Galán-Mera in Lazaroa*, 11: 195 (1989), with incorrect basionym ref.: *Basionym not stated*.
×genesiana *J. Pedrol & S. Castroviejo in An. Jard. Bot. Madrid*, 45(1): 97 (1988)—Spain. (*S. pruinosa* × *vera*).
maritima
subsp. spicata (*Willd.*) *O. de Bolós & J. Vigo, Fl. Països Catalans*, 2: 798 (1990); *Salsola spicata*.
pelagica *G. Bartolo, S. Brullo & P. Pavone in Willdenowia*, 16(2): 391 (1987)—Italy (Lampedusa Is.).
vera
var. braun-blauquetti *J. Pedrol & S. Castroviejo in An. Jard. Bot. Madrid*, 45(1): 95 (1988)—Spain.

SUAREZIA *C.H. Dodson in Ic. Pl. Trop.*, Ser. 2, 6: t. 585 (1989). **ORCHIDACEAE**.

ecuadorana *C.H. Dodson in Ic. Pl. Trop.*, Ser. 2, 6: t. 585 (1989)—Ecuador.

SUBPILOCEREUS (Cactac.).

mortensenii (*Croizat*) *B. Trujillo & M. Ponce in Ernstia*, 47: 28 (1988); *Pilocereus mortensenii*.
repandus
subsp. micracanthus (*Hummelink*) *B. Trujillo & M. Ponce in Ernstia*, 47: 28 (1988); *Cereus margaritensis* var. *micracanthus*.

SUCCISA (Dipsacac.).

lacerifolia (*Hayata*) *R. Verlaque in Rev. Cytol. Biol. Vég. Bot.*, 9(1): 13 (1986), without basionym ref.: *Scabiosa lacerifolia*. —
pratensis
subsp. hirsuta (*Opiz*) *J. Chrtek in Čas. Nár. Muz. (Prague)*, 152(2): 100 (1983); *S. hirsuta*,
subsp. scotiaca (*Baksay*) *J. Chrtek in Čas. Nár. Muz. (Prague)*, 152(2): 100 (1983); *S. pratensis* var. *scotiaca*.

SULCOREBUTIA (Cactac.).

augustinii *G. Hentzschel in Succulenta*, 68(7–8): 147 (1989)—Bolivia.
fischeriana *K. Augustin in Kakt. And. Sukk.*, 38(9): 216 (1987)—Bolivia.
kruegeri
var. hoffmanniana (*Backbg.*) *J.D. Donald in Succulenta*, 65(10): 208 (1986); *Lobivia hoffmanniana*.
mariana *H. Swoboda in Succulenta*, 68(1): 4 (1989)—Bolivia.
menesesii
var. kamiensis *A.J. Brederoo & J.D. Donald in Succulenta*, 65(8): 155 (1986)—Bolivia.
var. muschii (*Vasq.*) *J.D. Donald in Succulenta*, 65(10): 208 (1986); *S. muschii*.
steinbachii
var. australis *W. Rausch in Succulenta*, 65(11): 240 (1986)—Bolivia.
tiraquensis
var. aglaia (*Brandt*) *Šída in Kaktusy (Brno)*, 26(1): 19 (1990); *Weingartia aglaia*.
vizcarrae
var. laui *A.J. Brederoo & J.D. Donald in Succulenta*, 65(3): 52 (1986)—Bolivia.

SUMMERHAYESIA (Orchidac.).

rwandensis *D. Geerinck in Fl. Rwanda - Spermaphytes*, 4: 624 (1988)—Rwanda.

SUNAPTEA (Dipterocarpac.).

badiifolia (*Ashton*) *A.J.G.H. Kostermans in Proc. Third Round Table Conf. on Dipterocarps (ed. A.J.G.H. Kostermans)*: 611 (1987); *Vatica badiifolia*.
brevipes (*Ashton*) *A.J.G.H. Kostermans in Proc. Third Round Table Conf. on Dipterocarps (ed. A.J.G.H. Kostermans)*: 612 (1987); *Vatica brevipes*.
brunigii (*Ashton*) *A.J.G.H. Kostermans in Proc. Third Round Table Conf. on Dipterocarps (ed. A.J.G.H. Kostermans)*: 612 (1987); *Vatica brunigii*.
burckii (*Heim*) *A.J.G.H. Kostermans in Proc. Third Round Table Conf. on Dipterocarps (ed. A.J.G.H. Kostermans)*: 612 (1987); *Vatica burckii*.
compressa (*Ashton*) *A.J.G.H. Kostermans in Proc. Third Round Table Conf. on Dipterocarps (ed. A.J.G.H. Kostermans)*: 613 (1987); *Vatica compressa*.
congesta (*Ashton*) *A.J.G.H. Kostermans in Proc. Third Round Table Conf. on Dipterocarps (ed. A.J.G.H. Kostermans)*: 613 (1987); *Vatica congesta*.
coriacea (*Ashton*) *A.J.G.H. Kostermans in Proc. Third Round Table Conf. on Dipterocarps (ed. A.J.G.H. Kostermans)*: 613 (1987); *Vatica coriacea*.
endertii (*van Slooten*) *A.J.G.H. Kostermans in Proc. Third Round Table Conf. on Dipterocarps (ed. A.J.G.H. Kostermans)*: 614 (1987); *Vatica endertii*.
flavovirens (*van Slooten*) *A.J.G.H. Kostermans in Proc. Third Round Table Conf. on Dipterocarps (ed. A.J.G.H. Kostermans)*: 614 (1987); *Vatica flavovirens*.
guangxiensis (*Mo*) *A.J.G.H. Kostermans in Proc. Third Round Table Conf. on Dipterocarps (ed. A.J.G.H. Kostermans)*: 614 (1987); *Vatica guangxiensis*.
heteroptera (*Sym.*) *A.J.G.H. Kostermans in Proc. Third Round Table Conf. on Dipterocarps (ed. A.J.G.H. Kostermans)*: 614 (1987); *Vatica heteroptera*.
javanica (*van Slooten*) *A.J.G.H. Kostermans in Proc. Third Round Table Conf. on Dipterocarps (ed. A.J.G.H. Kostermans)*: 614 (1987); *Vatica javanica*.
lanceolata (*Craib*) *A.J.G.H. Kostermans in Proc. Third Round Table Conf. on Dipterocarps (ed. A.J.G.H. Kostermans)*: 614 (1987); *Cotylelobium lanceolatum*.
mangachapoi (*Blanco*) *A.J.G.H. Kostermans in Proc. Third Round Table Conf. on Dipterocarps (ed. A.J.G.H. Kostermans)*: 616 (1987); *Vatica mangachapoi*.
maritima (*van Slooten*) *A.J.G.H. Kostermans in Proc. Third Round Table Conf. on Dipterocarps (ed. A.J.G.H. Kostermans)*: 617 (1987); *Vatica maritima*.
melanoxylon (*Hooker f.*) *A.J.G.H. Kostermans in Proc. Third Round Table Conf. on Dipterocarps (ed. A.J.G.H. Kostermans)*: 617 (1987); *Anisoptera melanoxylon*.

SUNAPTEA :-

micrantha (*van Slooten*) *A.J.G.H. Kostermans in Proc. Third Round Table Conf. on Dipterocarps (ed. A.J.G.H. Kostermans)*: 618 (1987); *Vatica micrantha*.
mindanaensis (*Foxw.*) *A.J.G.H. Kostermans in Proc. Third Round Table Conf. on Dipterocarps (ed. A.J.G.H. Kostermans)*: 618 (1987); *Vatica mindanaensis*.
obovata (*van Slooten*) *A.J.G.H. Kostermans in Proc. Third Round Table Conf. on Dipterocarps (ed. A.J.G.H. Kostermans)*: 619 (1987); *Vatica obovata*.
obtusifolia (*Elmer*) *A.J.G.H. Kostermans in Proc. Third Round Table Conf. on Dipterocarps (ed. A.J.G.H. Kostermans)*: 619 (1987); *Vatica obtusifolia*.
pachyphylla (*Merr.*) *A.J.G.H. Kostermans in Proc. Third Round Table Conf. on Dipterocarps (ed. A.J.G.H. Kostermans)*: 621 (1987); *Vatica pachyphylla*.
parvifolia (*Ashton*) *A.J.G.H. Kostermans in Proc. Third Round Table Conf. on Dipterocarps (ed. A.J.G.H. Kostermans)*: 621 (1987); *Vatica parvifolia*.
rynchocarpa (*Ashton*) *A.J.G.H. Kostermans in Proc. Third Round Table Conf. on Dipterocarps (ed. A.J.G.H. Kostermans)*: 621 (1987); *Vatica rynchocarpa*.
scaphifolia (*Kosterm.*) *A.J.G.H. Kostermans in Proc. Third Round Table Conf. on Dipterocarps (ed. A.J.G.H. Kostermans)*: 622 (1987); *Vatica scaphifolia*.
teysmanniana (*Burck*) *A.J.G.H. Kostermans in Proc. Third Round Table Conf. on Dipterocarps (ed. A.J.G.H. Kostermans)*: 622 (1987); *Vatica teysmanniana*.

SUNDACARPUS (*Buchh. & Gray*) *C.N. Page in Notes Roy. Bot. Gard. Edinburgh*, 45(2): 378 (1988 publ. 1989); *Podocarpus* sect. *Sundacarpus* (*Podocarpaceae*).

amara (*Blume*) *C.N. Page in Notes Roy. Bot. Gard. Edinburgh*, 45(2): 378 (1988 publ. 1989); *Podocarpus amara*.

SUTERA (Scrophulariac.).

beverlyana *O.M. Hilliard & B.L. Burt in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 216 (1986)—Lesotho.
silenioides *O.M. Hilliard in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 216 (1986)—South Africa (Natal).

SVENKOELTZIA *P. Burns-Balogh in Orchidee*, 40(1): 12 (1989). **ORCHIDACEAE**.

congestiflora (*L.O. Williams*) *P. Burns-Balogh in Orchidee*, 40(1): 12 (1989); *Spiranthes congestiflora*.

SWAINSONA (Legumin.).

affinis (*A.T. Lee*) *J. Thompson in Telopea*, 4(1): 2 (1990); *S. microphylla* subsp. *affinis*.
bracteata (*Maiden & Betche*) *J. Thompson in Telopea*, 4(1): 1 (1990); *S. greyana* var. *bracteata*.
extrajacens *J. Thompson in Telopea*, 4(1): 3 (1990)—Australia (New South Wales, S. Australia).
formosa (*G. Don*) *J. Thompson in Telopea*, 4(1): 4 (1990); *Donia formosa*.
purpurea (*A.T. Lee*) *J. Thompson in Telopea*, 4(1): 4 (1990); *S. stipularis* var. *purpurea*.
queenslandica *J. Thompson in Telopea*, 4(1): 1 (1990)—Australia (New South Wales, Queensland).
similis *J. Thompson in Telopea*, 4(1): 2 (1990)—Australia (New South Wales, Queensland).

SWERTIA (Gentianac.).

ser. *Ciliatae Sunita Garg née Agrawal, Gentianac. N.W. Himalayas (Internat. Biosci. Monog. 17): 167 (1987)*.
ser. *Racemosae Sunita Garg née Agrawal, Gentianac. N.W. Himalayas (Internat. Biosci. Monog. 17): 185 (1987)*.
alpina *U.C. Bhattacharyya & Sunita Agrawal in Bull. Bot. Soc. Bengal*, 36(1–2): 47 (1982 publ. 1986); see also *Sunita Garg née Agrawal, Gentianac. N.W. Himalayas (Internat. Biosci. Monog. 17): 181 (1987)—India*.

SWERTIA :-

- bifolia
var. wardii (Marq.) T.N. He in *Fl. Xizangica*, 3: 985 (1986): S. wardii.
- brownii J. Shah in *Pakistan J. Forest.*, 38(2): 82 (1988), nom. nov.: S. calycina Brown.
- dichotoma
var. punctata T.N. He & J.X. Yang in *Fl. Tsinlingensis*, 1(4): 397, 126 (1983), as 'punctatum'—China.
- elongata T.N. He & S.W. Liu ex J.X. Yang in *Fl. Tsinlingensis*, 1(4): 397, 124 (1983)—China.
- hispidicalyx
var. subglabra (Marq.) T.N. He in *Fl. Xizangica*, 3: 992 (1986): S. hispidicalyx f. subglabra.
- jiendeensis Y.Y. Fang in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 90 (1987)—China.
- lactea A. Bunge, *Beitr. Fl. Russl.*: 217 (1852)—U.S.S.R. (Middle Asia).†
- laticalyx J. Shah in *Pakistan J. Forest.*, 38(2): 80 (1988), as 'latycalyx'—China.
- nepalensis J. Shah in *Pakistan J. Forest.*, 38(2): 79 (1988)—Nepal.
- pauciflora (Dalz.) J. Shah in *Pakistan J. Forest.*, 38(2): 81 (1988): *Ophelia* pauciflora.
- rosulata (Baker) J. Klackenberg in *Fl. Madagascar*, fam. 168 & 168 bis: 165 (1990): *Exacum* rosulatum.
- scottii J. Shah in *Pakistan J. Forest.*, 38(2): 80 (1988)—Ethiopia.
- taylorii J. Shah in *Pakistan J. Forest.*, 38(2): 79 (1988)—Xizang.
- teres (G. Don) J. Shah in *Pakistan J. Forest.*, 38(2): 81 (1988): *Ophelia* teres.
- umbellata (Hook.) J. Shah in *Pakistan J. Forest.*, 38(2): 82 (1988): *Ophelia* umbellata.
- woodii J. Shah in *Pakistan J. Forest.*, 38(2): 80 (1988)—Yemen, Saudi Arabia.

SWIDA (Cornac.).

- controversa (Hemsl.) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 2: 604 (1987), as 'Svida', isonym; see Moldenke in *Phytologia*, 17: 114 (1968): *Cornus* controversa.
- macrophylla (Wall.) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 2: 605 (1987), as 'Svida', isonym; see Sojak in *Novit. Bot. & Del. Sem. Hort. Bot. Univ. Carol. Pragae*: 10 (1960): *Cornus* macrophylla.
- sericea (L.) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 2: 606 (1987), as 'Svida', isonym; see Holub in *Folia Geobot. Phytotax.*, 2: 427 (1967): *Cornus* sericea.

SWIETENIA (Meliac.).

- febrifuga Roxb., *Bot. Descr. Swietenia*: 1 (1793); cf. D.J. Mabberley in *Taxon*, 31(1): 66 (1982)—India.

SWINTONIA (Anacardiaceae).

- parkinsonii (Fischer) A.J.G.H. Kostermans in *Blumea*, 33(2): 347 (1988): *Mangifera* parkinsonii.
- whitmorei (Kochummen) A.J.G.H. Kostermans in *Blumea*, 33(2): 347 (1988): *Mangifera* whitmorei.

SYAMA (Amaranthaceae).

- lata L.W. Dilwyn, *Rev. Hortus Malab.*: 34 (1839); fide D.J. Mabberley in *Taxon*, 26(5-6): 534 (1977)—India.

SYCOPSIS (Hamamelidaceae).

- sinensis
subsp. formosana (Kanehira) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 3: 101 (1988): *Distylium* formosanum.

SYMBOLANTHUS (Gentianaceae).

- aracuniensis J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 76(4): 958 (1989)—Venezuela.
- camanensis B. Maguire & B.M. Boom in *Mem. New York Bot. Gard.*, 51: 17 (1989)—Venezuela.
- elisabethae
subsp. occidentalis B. Maguire & B.M. Boom in *Mem. New York Bot. Gard.*, 51: 17 (1989)—Venezuela.
- huachamacariensis J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 75(3): 1083 (1988)—Venezuela.
- yaviensis J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 75(3): 1084 (1988)—Venezuela.
- yutajensis B. Maguire & B.M. Boom in *Mem. New York Bot. Gard.*, 51: 17 (1989)—Venezuela.

SYMPHYTUM (Boraginaceae).

- carpathicum Yu.M. Frolov in *Bot. Zhurn.*, 72(10): 1396 (1987)—U.S.S.R. (Ukraine).
- davisi
subsp. cycladense (Pawl.) W.T. Stearn in *Ann. Mus. Goulandris*, 7: 196 (1986): S. cycladense.
- subsp. icaricum (Pawl.) W.T. Stearn in *Ann. Mus. Goulandris*, 7: 198 (1986): S. icaricum.
- subsp. naxicola (Pawl.) W.T. Stearn in *Ann. Mus. Goulandris*, 7: 194 (1986): S. naxicola.
- sylvaticum
var. hordokopii (Kurtto) R.R. Mill in *Fl. Turkey & E. Aegean Is.*, 10: 188 (1988): S. sepulcrale var. hordokopii.

SYMPLOCARPUS (Arac.).

- nipponicus
f. viridispathus J. Ohara in *J. Phytogeogr. Taxon.*, 33(2): 81 (1985)—Japan.

SYMPLOCOS (Symplocaceae).

- sect. Glomeratae Y.F. Wu in *Acta Phytotax. Sin.*, 24(3): 193 (1986).
- sect. Singuliflorae Y.F. Wu in *Acta Phytotax. Sin.*, 24(3): 193 (1986).
- acananensis J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 74(3): 656 (1987)—Venezuela.
- adenopus
var. vestita Huang & Y.F. Wu in *Acta Phytotax. Sin.*, 24(3): 202 (1986)—China.
- ambangensis H.P. Nootboom in *Blumea*, 33(1): 263 (1988)—Celebes.
- anomala
f. kiraishiensis (Hayata) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 2: 595 (1987): S. kiraishiensis.
- f. matudae (Hatusima) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 2: 595 (1987): *Bobua* morrisonicola var. matudae.
- var. morrisonicola (Hayata) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 2: 593 (1987): S. morrisonicola.
- ascidiiformis Y.F. Wu in *Fl. Xizangica*, 3: 860 (1986), nom. illegit., type different from S. ascidiiformis Y.F. Wu (1982)—Xizang.
- azuensis D.H. Mai in *Feddes Repert.*, 97(1-2): 13 (1986)—Hispaniola (Dominican Republic).
- cochinchinensis
var. puberula Huang & Y.F. Wu in *Acta Phytotax. Sin.*, 24(3): 202 (1986)—China.
- costatifructa H.P. Nootboom in *Blumea*, 31(2): 277 (1986)—Borneo (Sarawak, Brunei, Sabah).
- dolichostylosa Y.F. Wu in *Acta Phytotax. Sin.*, 24(3): 195 (1986)—China.
- flavescens
var. pseudonitida (Guillaumin) H.P. Nootboom in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 11(3): 304 (1989 publ. 1990): S. pseudonitida.
- glauca
var. koshunensis (Kanehira) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 2: 578 (1987): S. koshunensis.
- glomerata
var. glomeratifolia (Hayata) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 2: 578 (1987): S. glomeratifolia.
- hookeri
var. tomentosa Y.F. Wu in *Acta Phytotax. Sin.*, 24(3): 202 (1986)—China.
- hottae H. Nagamasu in *Acta Phytotax. Geobot.*, 37(4-6): 149 (1986)—Sumatra.
- iliaspaiensis H.P. Nootboom in *Blumea*, 31(2): 279 (1986)—Borneo (Sarawak, ?Kalimantan).
- incahuasensis A. Sagástegui-Alva & M.O. Dillon in *Brittonia*, 41(1): 32 (1989)—Peru.
- junshanensis Q.X. Liu in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(3): 89 (1988)—China.
- kemiriensis H. Nagamasu in *Blumea*, 35(1): 229 (1990)—Sumatra.
- lancifolia
var. hualiensis (Ying) S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 2: 572 (1987): S. hualiensis.
- martinicensis
subsp. jamaicensis (Kr. & Urb.) D.H. Mai in *Feddes Repert.*, 97(1-2): 15 (1986): S. jamaicensis.
- subsp. strigillosa (Kr. & Urb.) D.H. Mai in *Feddes Repert.*, 97(1-2): 15 (1986): S. strigillosa.

SYMPLOCOS :-

- montana
var. baptica (Brongn. & Gris) H.P. Nootboom in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 11(3): 299 (1989 publ. 1990): S. baptica.
- var. munda (S. Moore) H.P. Nootboom in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 11(3): 301 (1989 publ. 1990): S. munda.
- var. tortuosa (Guillaumin) H.P. Nootboom in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 11(3): 299 (1989 publ. 1990): S. tortuosa.
- var. ultrabasiaca H.P. Nootboom in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 11(3): 300 (1989 publ. 1990)—New Caledonia.
- neocaledonica (Vieill.) H.P. Nootboom in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 11(3): 305 (1989 publ. 1990): *Chasseloupia* neocaledonica.
- oblanceolata Y.F. Wu in *Acta Phytotax. Sin.*, 24(3): 198 (1986)—China.
- ovatibracteata Y.F. Wu in *Acta Phytotax. Sin.*, 24(3): 195 (1986)—China.
- panamensis G. McPherson in *Ann. Missouri Bot. Gard.*, 75(1): 375 (1988)—Panama.
- persistens Huang & Y.F. Wu in *Acta Phytotax. Sin.*, 24(3): 199 (1986)—China.
- pulchra
subsp. coriacea R. Gopalan & A.N. Henry in *J. Econ. Taxon. Bot.*, 12(2): 481 (1988 publ. 1989)—India.
- rachitricha Y.F. Wu in *Acta Phytotax. Sin.*, 24(3): 196 (1986)—China.
- simaensis Y.Y. Qian in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(1): 41 (1989)—China.
- tetragona Chen ex Y.F. Wu in *Acta Phytotax. Sin.*, 24(3): 194 (1986)—China.
- wenshanensis Huang & Y.F. Wu in *Acta Phytotax. Sin.*, 24(3): 199 (1986)—China.
- wuliangshanensis Huang & Y.F. Wu in *Acta Phytotax. Sin.*, 24(3): 199 (1986)—China.
- yizhangensis Y.F. Wu in *Acta Phytotax. Sin.*, 24(3): 200 (1986)—China.

SYNADENIUM (Euphorbiaceae).

- calycinum S. Carter in *Kew Bull.*, 42(3): 670 (1987)—Tanzania.
- compactum
var. rubrum S. Carter in *Kew Bull.*, 42(3): 669 (1987)—Kenya.
- glabratum S. Carter in *Kew Bull.*, 42(3): 667 (1987)—Zambia, Tanzania.

SYNCARPHA (Compos.).

- affinis (B. Nord.) B. Nordenstam in *Compositae Newsl.*, 17: 4 (1989): *Helipterum* affine.
- argentea (Thumb.) B. Nordenstam in *Compositae Newsl.*, 17: 6 (1989): *Xeranthemum* argenteum.
- argyropsis (DC.) B. Nordenstam in *Compositae Newsl.*, 17: 5 (1989): *Helipterum* argyropsis.
- canescens (L.) B. Nordenstam in *Compositae Newsl.*, 17: 4 (1989): *Xeranthemum* canescens.
- subsp. leucolepis (DC.) B. Nordenstam in *Compositae Newsl.*, 17: 4 (1989): *Helipterum* canescens var. γ leucolepis.
- subsp. tricolor (DC.) B. Nordenstam in *Compositae Newsl.*, 17: 4 (1989): *Helipterum* canescens var. δ tricolor.
- dregeana (DC.) B. Nordenstam in *Compositae Newsl.*, 17: 3 (1989): *Helipterum* dregeanum.
- dykei (H. Bol.) B. Nordenstam in *Compositae Newsl.*, 17: 5 (1989): *Helichrysum* dykei.
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 sordescens (DC.) B. Nordenstam in *Compositae Newsl.*, 17: 6 (1989): Helichrysum sordescens.
 speciosissima (L.) B. Nordenstam in *Compositae Newsl.*, 17: 5 (1989): Xeranthemum speciosissimum.
 subsp. angustifolia (DC.) B. Nordenstam in *Compositae Newsl.*, 17: 5 (1989): Helipterum speciosissimum var. β angustifolium.
 striata (Thunb.) B. Nordenstam in *Compositae Newsl.*, 17: 6 (1989): Xeranthemum striatum.
 variegata (Berg.) B. Nordenstam in *Compositae Newsl.*, 17: 5 (1989): Xeranthemum variegatum.
 vestita (L.) B. Nordenstam in *Compositae Newsl.*, 17: 5 (1989): Xeranthemum vestitum.
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 dilatata
 f. alba (Wang-Wei & Skv.) Y.L. Chou, *Ligneous Fl. Heilongjiang*: 493 (1986): S. dilatata var. alba.
 f. longituba (Wang-Wei & Skv.) Y.L. Chou, *Ligneous Fl. Heilongjiang*: 493 (1986): S. dilatata var. longituba.
 f. rubra (Wang-Wei & Skv.) Y.L. Chou, *Ligneous Fl. Heilongjiang*: 493 (1986): S. dilatata var. rubra.
 komarowii
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 meyeri
 f. alba (Wang, Fuh & Phao) M.C. Chang in *Invest. Stud. Nat., Mus. Hist. Nat. Shanghaiense*, 10: 33 (1990): S. microphylla var. alba.
 var. spontanea M.C. Chang in *Invest. Stud. Nat., Mus. Hist. Nat. Shanghaiense*, 10: 33 (1990)—China.

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 var. flavoanthera X.L. Chen in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(3): 41 (1989)—China.
 var. girdaldiana (Schneid.) S.Z. Qu & X.L. Chen in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(3): 41 (1989): S. girdaldiana.
 oblata
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 subsp. patula (Palibin) M.C. Chang & X.L. Chen in *Invest. Stud. Nat., Mus. Hist. Nat. Shanghaiense*, 10: 34 (1990): Ligustrum patulum.
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 christophersenii W.A. Whistler in *J. Arnold Arbor.*, 69(2): 186 (1988)—Samoa.
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 celastroides (Kerr) P.T. Li in *Guihaia*, 6(3): 173 (1986): Ervatamia celastroides.
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 chocoensis (A. Gentry) A.J.M. Leeuwenberg in *Agric. Univ. Wageningen Pap.*, 87(5): 4 (1987 publ. 1988): Bonafousia chocoensis.
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 var. pubiflora (Tsiang) P.T. Li in *Guihaia*, 6(3): 170 (1986): Ervatamia continentalis var. pubiflora.
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 thailandensis P.T. Li in *Guihaia*, 6(3): 172 (1986), nom. nov.: Ervatamia calcicola Kerr.
 tsiangiana P.T. Li in *Guihaia*, 6(3): 171 (1986), nom. nov.: Ervatamia tenuiflora Tsiang.
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 var. heterosepala (Tsiang) P.T. Li in *Guihaia*, 6(3): 171 (1986): Ervatamia yunnanensis var. heterosepala.

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peucedanoides *A. Bunge, Beitr. Fl. Russl.*: 127 (1852)—U.S.S.R. (European Russia).†
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arcuthoides *A. Bunge, Beitr. Fl. Russl.*: 119 (1852)—U.S.S.R. (Middle Asia).†
chinensis
subsp. austromongolica (*Nakai*) *S.O. Zhou in Fl. Intramongolica*, Ser. 2, 3: 523 (1989): *T. austromongolica*.
gansuensis *H.Z. Zhang ex P.Y. Zhang & M.T. Liu in Acta Bot. Bor.-Occid. Sin.*, 8(4): 259 (1988)—China.
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freitagii (*Podlech*) *S.S. Kovalevskaya in Novosti Sist. Vyssh. Rast.*, 24: 175 (1987): *Tanacetum* freitagii.
hedgii (*Podl.*) *S.S. Kovalevskaya in Novosti Sist. Vyssh. Rast.*, 24: 174 (1987): *Tanacetum* hedgii.
korovinii *S.S. Kovalevskaya in Novosti Sist. Vyssh. Rast.*, 23: 242 (1986)—U.S.S.R. (Middle Asia).
popovii *R. Kam. & S.S. Kovalevskaya in Novosti Sist. Vyssh. Rast.*, 23: 244 (1986)—U.S.S.R. (Middle Asia).
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sect. Afghanistanica *D. Podlech in Fl. Iran.*, 158: 124 (1986).
sect. Ajania (*Poljak.*) *D. Podlech in Fl. Iran.*, 158: 125 (1986): gen. *Ajania*.
sect. Hemipappus (*C. Koch*) *D. Podlech in Fl. Iran.*, 158: 135 (1986): gen. *Hemipappus*.
sect. Hippolytia (*Poljak.*) *D. Podlech in Fl. Iran.*, 158: 132 (1986): gen. *Hippolytia*.
sect. Lepidolopsis (*Poljak.*) *D. Podlech in Fl. Iran.*, 158: 135 (1986): gen. *Lepidolopsis*.
sect. Paleacea *D. Podlech in Fl. Iran.*, 158: 142 (1986).
sect. Paradoxa *D. Podlech in Fl. Iran.*, 158: 143 (1986).
sect. Parthenium (*Briq.*) *D. Podlech in Fl. Iran.*, 158: 98 (1986): *T.* subsect. *Parthenium*.
sect. Pyrethrellum (*Tzvel.*) *D. Podlech in Fl. Iran.*, 158: 100 (1986): *Pyrethrum* sect. *Pyrethrellum*.
sect. Richterica (*Kar. & Kir.*) *D. Podlech in Fl. Iran.*, 158: 106 (1986): gen. *Richterica*.
sect. Tanacetopsis (*Tzvel.*) *D. Podlech in Fl. Iran.*, 158: 127 (1986): *Cancrinia* sect. *Tanacetopsis*.
sect. Xylanthemum (*Tzvel.*) *D. Podlech in Fl. Iran.*, 158: 137 (1986): gen. *Xylanthemum*.
sect. Xylopyrethrum (*Tzvel.*) *D. Podlech in Fl. Iran.*, 158: 102 (1986): *Pyrethrum* sect. *Xylopyrethrum*.
afghanicum (*Gilli*) *D. Podlech in Fl. Iran.*, 158: 127 (1986): *Chrysanthemum* afghanicum.
archibaldii *D. Podlech in Fl. Iran.*, 158: 105 (1986)—Iran.
bamianicum *D. Podlech in Fl. Iran.*, 158: 123 (1986)—Afghanistan.
corymbosum
var. tenuifolium (*Willd.*) *D. Podlech in Mitt. Bot. Staatssamml. München*, 27: 70 (1988): *Pyrethrum* tenuifolium.
crassicolium (*Rech. f.*) *D. Podlech in Fl. Iran.*, 158: 133 (1986): *Chrysanthemum* crassicolium.
dijlgense (*Franch.*) *D. Podlech in Fl. Iran.*, 158: 107 (1986): *Chrysanthemum* dijlgense.
doabense *D. Podlech in Fl. Iran.*, 158: 131 (1986)—Afghanistan.
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douglasii *A.P. de Candolle, Prodrum.*, 6: 128 (1837 publ. 1838)—North America.†
eriobasis
subsp. tricholepis *D. Podlech in Fl. Iran.*, 158: 130 (1986)—Afghanistan.
freitagii *D. Podlech in Fl. Iran.*, 158: 132 (1986)—Afghanistan.
ghorathense *D. Podlech in Fl. Iran.*, 158: 125 (1986)—Afghanistan.
gillettii *D. Podlech in Fl. Iran.*, 158: 140 (1986)—Iraq.
hedgii *D. Podlech in Fl. Iran.*, 158: 130 (1986)—Afghanistan.
hololeucum (*Bornm.*) *D. Podlech in Fl. Iran.*, 158: 105 (1986): *Pyrethrum* hololeucum.
maymanense *D. Podlech in Fl. Iran.*, 158: 124 (1986)—Afghanistan.
mindshelkense *S.S. Kovalevskaya in Novosti Sist. Vyssh. Rast.*, 23: 240 (1986)—U.S.S.R. (Middle Asia).
nuristanicum *D. Podlech in Fl. Iran.*, 158: 146 (1986)—Afghanistan.
oshanahanii *A. Marrero, R. Febles & C. Suarez in Bot. Macaronésica*, 17: 4 (1989)—Canary Is.
paghmanense *D. Podlech in Fl. Iran.*, 158: 141 (1986)—Afghanistan.
pakistanicum *D. Podlech in Fl. Iran.*, 158: 101 (1986)—Pakistan.
paleaceum *D. Podlech in Fl. Iran.*, 158: 143 (1986)—Afghanistan.
polycycephalum
subsp. argyrophyllum (*C. Koch*) *D. Podlech in Fl. Iran.*, 158: 117 (1986): *Gymnocline* argyrophylla.
subsp. azerbaijanicum *D. Podlech in Fl. Iran.*, 158: 119 (1986)—Iran, Iraq.
subsp. duclerianum (*Boiss.*) *D. Podlech in Fl. Iran.*, 158: 120 (1986): *Pyrethrum* duclerianum.
subsp. farsicum *D. Podlech in Fl. Iran.*, 158: 118 (1986)—Iran.
subsp. heterophyllum (*Boiss.*) *D. Podlech in Fl. Iran.*, 158: 117 (1986): *T.* heterophyllum.
subsp. junisarense (*Bornm.*) *D. Podlech in Fl. Iran.*, 158: 119 (1986): *Chrysanthemum* junisarense.
salsugineum *D. Podlech in Fl. Iran.*, 158: 147 (1986)—Iran.
silvicola *D. Podlech in Fl. Iran.*, 158: 144 (1986)—Afghanistan.
staphianum (*Rech. f.*) *D. Podlech in Fl. Iran.*, 158: 112 (1986): *Chrysanthemum* staphianum.
tenuisectum (*Boiss.*) *D. Podlech in Fl. Iran.*, 158: 103 (1986): *Pyrethrum* tenuisectum.
tirinense *D. Podlech in Fl. Iran.*, 158: 145 (1986)—Afghanistan.
trifoliolatum *D. Podlech in Fl. Iran.*, 158: 147 (1986)—Iran.
zangezuricum *N.S. Khandzhyan in Biol. Zhurn. Arm.*, 35(1): 72 (1982), nom. nov.: *Pyrethrum* komarovii *Sosn.*
- TANAKEA** (Saxifragac.).
omeciensis
var. nanchuanensis *W.T. Wang in Bull. Bot. Res. North-East. Forest. Inst.*, 9(1): 8 (1989)—China.
- TANQUANA** H. Hartmann & S. Liede in *Bot. Jahrb.*, 106(4): 479 (1986). **AIZOACEAE**.
archeri (*L. Bolus*) *H. Hartmann & S. Liede in Bot. Jahrb.*, 106(4): 480 (1986): *Pleiospilos* archeri.
hilmarii (*L. Bolus*) *H. Hartmann & S. Liede in Bot. Jahrb.*, 106(4): 481 (1986): *Pleiospilos* hilmarii.
prismatica (*Schwantes*) *H. Hartmann & S. Liede in Bot. Jahrb.*, 106(4): 481 (1986), basionym nom. nud.: *Mesembryanthemum* prismaticum.
- TAPEINOSPERMA** (Myrsinac.).
commutatum *H. Sleumer in Blumea*, 33(1): 104 (1988)—Bougainville Is., British Solomon Is., New Britain, Santa Cruz Is. (South Pacific).
cuspidatum *H. Sleumer in Blumea*, 33(1): 103 (1988)—British Solomon Is., Bougainville Is.
- TAPEINOSTEMON** (Gentianac.).
breweri *J. Steyermark & B. Maguire in Acta Bot. Venezuel.*, 14(3): 24 (1984)—Venezuela.

TAPIPHYLLUM (Rubiace.).

cinerascens

- var. inaequale* (Robyns) B. Verdcourt in *Kew Bull.*, 42(1): 144 (1987); T. inaequale.
var. laetum (Robyns) B. Verdcourt in *Kew Bull.*, 42(1): 145 (1987); T. laetum.
var. laevius (K. Schum.) B. Verdcourt in *Kew Bull.*, 42(1): 144 (1987); *Vangueria velutina* var. laevior.
var. richardsii (Robyns) B. Verdcourt in *Kew Bull.*, 42(1): 145 (1987); T. richardsii.

TAPIRIRA (Anacardiace.).

guianensis

- subsp. subandina* A. Barfod & L.B. Holm-Nielsen in *Nordic J. Bot.*, 6(4): 425 (1986)—Colombia, Ecuador.
velutinifolia (Cowan) L. Marcano Berti in *Pittieria*, 13: 23 (1986); *Bursera velutinifolia*.

TAPLINIA N.S. Lander in *Nuytsia*, 7(1): 37 (1989).

COMPOSITAE.

- saxatilis* N.S. Lander in *Nuytsia*, 7(1): 38 (1989)—Australia (W. Australia).

TAPURA (Dichapetalac.).

- carinata* F.J. Breteleur in *Agric. Univ. Wageningen Pap.*, 86(3): 53 (1986)—Gabon, Congo - Brazzaville.
magnifolia G.T. Prance in *Brittonia*, 40(4): 445 (1988)—Ecuador.

TARAXACUM (Compos.).

- sect. Ruderalia* J. Kirschner, H. Øllgaard & J. Štěpánek in *Taxon*, 36(3): 615 (1987).
sect. Sonchidium (DC.) J. Kirschner & J. Štěpánek in *Taxon*, 36(3): 617 (1987); *Dubyaea* sect. *Sonchidium*.
aestuans C.E. Sonck in *Ann. Bot. Fenn.*, 25(1): 73 (1988)—Albania.
alaskanum
var. ulvelkotii B.A. Yurtsev in *Arktich. Fl. SSSR*, 10: 305 (1987)—U.S.S.R. (Soviet Far East).
amansii J. Hofstra in *Bull. Soc. Bot. France, Lett. Bot.*, 135(4-5): 377 (1988 publ. 1989)—France.
amgense V.B. Kúvaev in *Novosti Sist. Vých. Rast.*, 24: 203 (1987)—U.S.S.R. (Siberia).
aquitantum J. Hofstra in *Bull. Soc. Bot. France, Lett. Bot.*, 135(4-5): 377 (1988 publ. 1989)—France.
bachczisaricum N.N. Tsevelev in *Novosti Sist. Vých. Rast.*, 23: 258 (1986)—U.S.S.R. (Crimea).
badzhalsense V.N. Voroshilov & S.D. Shlotgauér in *Byull. Mosk. Obshch. Ispýt. Priv., Biol.*, 91(3): 115 (1986)—U.S.S.R. (Soviet Far East).
bohemicum J. Kirschner & J. Štěpánek in *Preslia*, 58(2): 99 (1986)—Czechoslovakia.
botanicorum C.E. Sonck in *Ann. Bot. Fenn.*, 25(1): 74 (1988)—Albania.
cognatum J. Kirschner & J. Štěpánek in *Preslia*, 58(2): 106 (1986)—Czechoslovakia, Austria, Hungary.
croceum
var. reptetum (Dahlst.) N.N. Tsevelev in *Arktich. Fl. SSSR*, 10: 275 (1987); T. *croceum* subsp. *repletum*.
czukoticum B.A. Yurtsev in *Arktich. Fl. SSSR*, 10: 315 (1987)—U.S.S.R. (Soviet Far East).
declivicola J. Kirschner, C.E. Sonck & J. Štěpánek in *Ann. Bot. Fenn.*, 26(3): 345 (1989)—Greece.
discretum H. Øllgaard in *Nordic J. Bot.*, 6(1): 21 (1986)—Denmark, Sweden, Great Britain, Netherlands, France, Germany, Poland, Austria, U.S.A. (Maine, Vermont, Connecticut).
domabile J. Kirschner & J. Štěpánek in *Preslia*, 58(2): 102 (1986)—Czechoslovakia, Hungary.
extimum J. Kirschner, C.E. Sonck & J. Štěpánek in *Ann. Bot. Fenn.*, 26(3): 343 (1989)—Greece.
gaditanum S. Talavera in *Lagascalia*, 14(1): 161 (1986)—Spain.
gustavianum C.E. Sonck in *Mem. Soc. Fauna Flora Fenn.*, 64(2): 83 (1988)—Finland.
hesperium C.C. Haworth in *Watsonia*, 18(2): 134 (1990)—Great Britain.
hypanicum N.N. Tsevelev in *Novosti Sist. Vých. Rast.*, 23: 256 (1986)—U.S.S.R. (Ukraine).
hyparcticum
var. schamurini B.A. Yurtsev in *Arktich. Fl. SSSR*, 10: 301 (1987)—U.S.S.R. (Soviet Far East).

TARAXACUM :-

- indonesicum* C.E. Sonck in *Ann. Bot. Fenn.*, 24(3): 307 (1987)—Java.
inopinatum C.C. Haworth in *Watsonia*, 18(2): 131 (1990)—Great Britain.
junatovii N.N. Tsevelev in *Novosti Sist. Vých. Rast.*, 24: 221 (1987)—Mongolia.
korjakorum
var. korobkovii N.N. Tsevelev in *Arktich. Fl. SSSR*, 10: 291 (1987)—U.S.S.R. (Soviet Far East).
kozlovii N.N. Tsevelev in *Novosti Sist. Vých. Rast.*, 24: 216 (1987)—China.
lateritium
var. anguemicum N.N. Tsevelev in *Arktich. Fl. SSSR*, 10: 290 (1987)—U.S.S.R. (Soviet Far East).
var. callorhinorum (Hagl.) N.N. Tsevelev in *Arktich. Fl. SSSR*, 10: 290 (1987); T. *callorhinorum*.
var. erdiljachicum N.N. Tsevelev in *Arktich. Fl. SSSR*, 10: 290 (1987)—U.S.S.R. (Siberia).
macilentum
var. gracilipes (Hagl.) N.N. Tsevelev in *Arktich. Fl. SSSR*, 10: 284 (1987); T. *gracilipes*.
var. hyperboreum (Dahlst.) N.N. Tsevelev in *Arktich. Fl. SSSR*, 10: 284 (1987); T. *hyperboreum*.
var. subtubulosum N.N. Tsevelev in *Arktich. Fl. SSSR*, 10: 284 (1987)—U.S.S.R. (Soviet Far East).
var. tschuktschorum N.N. Tsevelev in *Arktich. Fl. SSSR*, 10: 284 (1987)—U.S.S.R. (Soviet Far East).
margettsii C.C. Haworth in *Watsonia*, 18(2): 137 (1990)—Great Britain.
meyeri C.E. Sonck in *Ann. Bot. Fenn.*, 25(1): 78 (1988)—Albania.
multilepis J. Kirschner & J. Štěpánek in *Preslia*, 58(2): 114 (1986)—France, Germany, Switzerland.
multisinuatum J. Kirschner, C.E. Sonck & J. Štěpánek in *Ann. Bot. Fenn.*, 26(3): 345 (1989)—Greece.
nanaunii B.A. Yurtsev in *Arktich. Fl. SSSR*, 10: 316 (1987)—U.S.S.R. (Soviet Far East).
neosivashicum N.N. Tsevelev in *Novosti Sist. Vých. Rast.*, 23: 259 (1986)—U.S.S.R. (Ukraine).
noterophilum J. Kirschner, C.E. Sonck & J. Štěpánek in *Ann. Bot. Fenn.*, 26(3): 345 (1989)—Greece.
oellgaardii C.C. Haworth in *Watsonia*, 18(2): 135 (1990)—Great Britain.
ohritense C.E. Sonck in *Ann. Bot. Fenn.*, 24(2): 225 (1987)—Albania.
oppidanum C.E. Sonck in *Ann. Bot. Fenn.*, 24(2): 226 (1987)—Albania.
panhellenicum C.E. Sonck in *Ann. Bot. Fenn.*, 26(1): 51 (1989)—Greece.
porteri C.C. Haworth in *Watsonia*, 18(2): 137 (1990)—Great Britain.
potaninii N.N. Tsevelev in *Novosti Sist. Vých. Rast.*, 24: 220 (1987)—Xinjiang.
praegracilens C.E. Sonck in *Ann. Bot. Fenn.*, 26(1): 52 (1989), nom. nov.: T. *pseudogracilens* Sonck.
przevalskii N.N. Tsevelev in *Novosti Sist. Vých. Rast.*, 24: 218 (1987)—Xizang, China.
var. nanjschanicum N.N. Tsevelev in *Novosti Sist. Vých. Rast.*, 24: 219 (1987)—China.
pseudogracilens C.E. Sonck in *Ann. Bot. Fenn.*, 25(1): 76 (1988)—Albania.
pseudomurbeckianum N.N. Tsevelev in *Novosti Sist. Vých. Rast.*, 23: 257 (1986)—U.S.S.R. (Crimea).
pseudoplatylepium B.A. Yurtsev in *Arktich. Fl. SSSR*, 10: 313 (1987)—U.S.S.R. (Soviet Far East).
respersum C.E. Sonck in *Ann. Bot. Fenn.*, 25(1): 78 (1988)—Albania.
richardsonianum C.C. Haworth in *Watsonia*, 18(2): 133 (1990)—Great Britain.
roborovskii N.N. Tsevelev in *Novosti Sist. Vých. Rast.*, 24: 215 (1987)—Xinjiang.
roseoflavescens N.N. Tsevelev in *Novosti Sist. Vých. Rast.*, 24: 217 (1987)—Xizang.
sagii C.E. Sonck in *Ann. Bot. Fenn.*, 27(1): 39 (1990)—France.
shqipericum C.E. Sonck in *Ann. Bot. Fenn.*, 25(1): 82 (1988)—Albania.
sinotienschanicum N.N. Tsevelev in *Novosti Sist. Vých. Rast.*, 24: 220 (1987)—Xinjiang.
skanderbegii C.E. Sonck in *Ann. Bot. Fenn.*, 24(2): 229 (1987)—Albania.

TARAXACUM :-

soczavae

- var. tschuktschorum* N.N. Tsevelev in *Arktich. Fl. SSSR*, 10: 310 (1987)—U.S.S.R. (Soviet Far East).
subcoronatum N.N. Tsevelev in *Novosti Sist. Vých. Rast.*, 24: 218 (1987)—Xizang.
subolivaceum C.E. Sonck in *Ann. Bot. Fenn.*, 23(2): 165 (1986)—Greece.
telmatophilum J. Kirschner & J. Štěpánek in *Preslia*, 58(2): 104 (1986)—Czechoslovakia, Hungary.
tolmaczevii B.A. Yurtsev in *Arktich. Fl. SSSR*, 10: 311 (1987)—U.S.S.R. (Soviet Far East).
uschakovii B.A. Yurtsev in *Arktich. Fl. SSSR*, 10: 313 (1987)—U.S.S.R. (Soviet Far East).
var. pavlovii B.A. Yurtsev in *Arktich. Fl. SSSR*, 10: 315 (1987)—U.S.S.R. (Soviet Far East).
var. pseudourangelicum B.A. Yurtsev in *Arktich. Fl. SSSR*, 10: 314 (1987)—U.S.S.R. (Soviet Far East).
vezatum C.E. Sonck in *Ann. Bot. Fenn.*, 23(2): 167 (1986), nom. nov.: T. *lacistophylloides* Sonck.
wutaihanense S. Kitamura in *Acta Phytotax. Geobot.*, 40(5-6): 145 (1989)—China.
zhukovae
var. anjuicum N.N. Tsevelev in *Arktich. Fl. SSSR*, 10: 306 (1987)—U.S.S.R. (Soviet Far East).

TARENNA (Rubiace.).

- acutispala* W.C. Chen in *Acta Phytotax. Sin.*, 24(6): 477 (1986)—China.
brevicymigera W.C. Chen in *Acta Bot. Austro Sinica*, 3: 26 (1986)—Vietnam.
hexamera (Schltr. & Krause) J. Jérémie in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 9(4): 400 (1987 publ. 1988); *Bonatia hexamera*.
joskei (Horne ex Baker) A.C. Smith & S.P. Darwin in *Fl. Vitiensis Nova*, 4: 201 (1988); *Ixora joskei*.
luhomeroensis D.M. Bridson in *Kew Bull.*, 42(1): 257 (1987)—Tanzania.
mussaendoides (Craib) K.M. Wong in *Tree Fl. Malaya*, 4: 411 (1989); *Randia mussaendoides*.
roseicosta D.M. Bridson in *Kew Bull.*, 42(1): 259 (1987)—Tanzania.
seemanniana A.C. Smith & S.P. Darwin in *Fl. Vitiensis Nova*, 4: 198 (1988), nom. nov.: *Canthiopsis odorata* Seem.
uzungwaensis D.M. Bridson in *Kew Bull.*, 42(1): 260 (1987)—Tanzania.

TASMANNIA (Winterac.).

- glaucofolia* J.B. Williams in *Austral. J. Bot.*, 36(4): 396 (1988)—Australia (New South Wales).

TASSADIA (Asclepiadac.).

- berterianum* (Sprengel) W.D. Stevens in *Phytologia*, 64(5): 335 (1988); *Oxypetalum berterianum*.
ivoniae G. Morillo in *Ernstia*, 51: 13 (1989), as 'ivonae'—Venezuela.
kamaensis (Morillo) G. Morillo in *Ernstia*, 51: 13 (1989); *Cynanchum kamaense*.
marahuacensis G. Morillo in *Ernstia*, 51: 13 (1989)—Venezuela.
medinae (Morillo) G. Morillo in *Ernstia*, 51: 14 (1989); *Cynanchum medinae*.
subulata
var. tomentosa (Fourm.) J. Fontella Pereira in *Eugenia*, 17: 26 (1990); *Amphistelma tomentosum*.

TAUSCHIA (Umbellif.).

- hintoniorum* L. Constance & J. Affolter in *Syst. Bot.*, 12(2): 286 (1987)—Mexico.
infernicola L. Constance & J. Affolter in *Syst. Bot.*, 12(2): 289 (1987)—Mexico.
moorei L. Constance & J. Affolter in *Syst. Bot.*, 12(2): 291 (1987)—Mexico.

TAVERNIERA (Legumin.).

- albida* M. Thulin in *Symb. Bot. Upsal.*, 25(1): 89 (1985)—South Yemen.
brevialata M. Thulin in *Symb. Bot. Upsal.*, 25(1): 82 (1985)—Oman.
echinata V. Mozaffarian in *Iranian J. Bot.*, 4(1): 64 (1988), as 'Taverniera'—Iran.
longisetosa M. Thulin in *Symb. Bot. Upsal.*, 25(1): 85 (1985)—Somali Republic.

TAVERNIERA :-

multinoda *M. Thulin in Symb. Bot. Upsal.*, 25(1): 83 (1985)—Somali Republic, Oman, ?South Yemen.
oligantha (*Franch.*) *M. Thulin in Symb. Bot. Upsal.*, 25(1): 75 (1985); *T. schimperii* var. *oligantha*.

TAXILLUS (Loranthac.).

caloreas
var. *fargesii* (*Lect.*) *H.S. Kiu in Fl. Yunnanica*, 3: 368 (1983); *Loranthus caloreas* var. *fargesii*.
incanus (*Trimen*) *D. Wiens in M.D. Dassanayake & F.R. Fosberg, eds., Revised Handb. Fl. Ceylon*, 6: 141 (1988); *Loranthus tomentosus* var. *incanus*.
kaempferi
var. *obovata* *S. Hatusima in J. Phytogeogr. Taxon.*, 35(2): 63 (1987)—Japan.
limprichtii (*Grüning*) *H.S. Kiu in Fl. Yunnanica*, 3: 368 (1983); *Loranthus limprichtii*.
var. *longiflorus* (*Lect.*) *H.S. Kiu in Fl. Yunnanica*, 3: 368 (1983); *Loranthus estipitatus* var. *longiflorus*.
sutchenensis
var. *duclouxii* (*Lect.*) *H.S. Kiu in Fl. Yunnanica*, 3: 369 (1983); *Loranthus duclouxii*.

TAXUS (Taxac.).

macrophylla *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14*: 895 (1784)—Japan.†
verticillata *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg., ed. 14*: 895 (1784)—Japan.†
wallichiana
var. *yunnanensis* (*Cheng & L.K. Fu*) *C.T. Kuan in Fl. Sichuanica*, 2: 215 (1983); *T. yunnanensis*.

TECLEA (Rutac.).

borenensis *M.G. Gilbert in Nordic J. Bot.*, 6(2): 141 (1986)—Kenya, Ethiopia.

TECOMA (Bignoniac.).

stans
var. *mollis* (*H.B.K.*) *M.A. Siddiqi in Fl. Libya*, 103: 6 (1983); *T. mollis*.

TELANTHERA (Amaranthac.).

brasiliensis (*L. mut. Jacq.*) *Endl., Cat. Horti Vindob.*, 1: 265 (1842); *cf. D.J. Mabberley in Taxon*, 33(3): 436 (1984); *Basionym* not stated.
porrigens (*Jacq.*) *Endl., Cat. Horti Vindob.*, 1: 265 (1842); *cf. D.J. Mabberley in Taxon*, 33(3): 436 (1984); *Basionym* not stated.

TELIPOGON (Orchidac.).

ariasii *C.H. Dodson & D.E. Bennett in Ic. Pl. Trop.*, Ser. 2, 2: t. 184 (1989)—Peru.
cuyujensis *C.H. Dodson in Ic. Pl. Trop.*, Ser. 2, 6: t. 586 (1989)—Ecuador.
guacamayensis *C.H. Dodson & Escobar in Ic. Pl. Trop.*, Ser. 2, 6: t. 589 (1989)—Ecuador.
hirtzii *C.H. Dodson & Escobar in Ic. Pl. Trop.*, Ser. 2, 6: t. 590 (1989)—Ecuador.
hutchisonii *C.H. Dodson & D.E. Bennett in Ic. Pl. Trop.*, Ser. 2, 2: t. 191 (1989)—Peru.
jimburensis *C.H. Dodson & Escobar in Ic. Pl. Trop.*, Ser. 2, 6: t. 591 (1989)—Ecuador, Peru.
lueri *C.H. Dodson & D.E. Bennett in Ic. Pl. Trop.*, Ser. 2, 2: t. 190 (1989)—Peru.
mendiolaie *C.H. Dodson & D.E. Bennett in Ic. Pl. Trop.*, Ser. 2, 2: t. 191 (1989)—Peru.
penningtonii *C.H. Dodson & Escobar in Ic. Pl. Trop.*, Ser. 2, 6: t. 594 (1989)—Ecuador.
peruvianus *T. Hashimoto in Bull. Nation. Sci. Mus., B (Tokyo)*, 16(1): 21 (1990)—Peru.
steinii *C.H. Dodson & Escobar in Ic. Pl. Trop.*, Ser. 2, 6: t. 596 (1989)—Ecuador.
thomasii *C.H. Dodson & Escobar in Ic. Pl. Trop.*, Ser. 2, 6: t. 597 (1989)—Ecuador, Peru.

TELOSMA (Asclepiadac.).

celebica (*Warb.*) *M.A. Rahman & C.C. Wilcock in Blumea*, 34(2): 519 (1990); *Pergularia celebica*.
filipes (*Schlechter*) *M.A. Rahman & C.C. Wilcock in Blumea*, 34(2): 519 (1990); *Pergularia filipes*.

TEPHROCACTUS (Cactac.).

weberi
var. *deminutus* *W. Rausch in Succulenta*, 65(12): 251 (1986)—Argentina.

TEPHROSERIS (Compos.).

flammea
var. *chaetocarpa* (*C. Jeffrey & Y.L. Chen*) *Y.M. Yuan in Fl. Loess-Plat. Sin.*, 5: 354 (1989); *T. rufa* var. *chaetocarpa*.
helenitis
var. *discoidea* (*DC.*) *M. Kerguelen in Lejeunia*, 120: 173 (1987); *Senecio brachychaetus* var. *discoideus*.
integrifolia
subsp. *vindellicorum* *B. Krach in Mitt. Bot. Staatssamml. München*, 27: 76 (1988)—Germany.

TEPHROSIA (Legumin.).

albifoliolis *A. Nongonierma & T. Sarr in Bull. Inst. Fond. Afr. Noire, A*, 44(3-4): 249 (1982 publ. 1986), without type—Niger, Senegal, Sudan.
albissima
subsp. *zuluensis* (*H.M.L. Forbes*) *B.D. Schrire in Bothalia*, 17(1): 13 (1987); *T. zuluensis*.
anomala *M. Thulin in Nordic J. Bot.*, 10(3): 273 (1990)—Somali Republic.
brummittii *B.D. Schrire in Bothalia*, 17(1): 12 (1987)—South Africa (Natal), Swaziland, Mozambique.
colonial (*Buch.-Ham.*) *G. Benth in General Index to Vols. 1-25 Trans. Linn. Soc.*: 101 (1867); *cf. D.J. Mabberley in Taxon*, 26(5-6): 531 (1977); *Galega colonial*.†
feddemana *R. McVaugh, Fl. Novo-Galiciana*, 5: 712 (1987)—Mexico.
glomeruliflora
subsp. *meisneri* (*Hutch. & Burt Davy*) *B.D. Schrire in Bothalia*, 17(1): 14 (1987); *T. meisneri*.
guayameoensis *O. Téllez Valdés in An. Inst. Biol. Univ. Nac. Autón. Méx., Bot.*, 57: 33 (1986 publ. 1987)—Mexico.
hirta (*Buch.-Ham.*) *G. Benth in General Index to Vols. 1-25 Trans. Linn. Soc.*: 101 (1867); *cf. D.J. Mabberley in Taxon*, 26(5-6): 531 (1977); *Galega hirta*.†
karkarensis *M. Thulin in Nordic J. Bot.*, 8(5): 463 (1989)—Somali Republic.
leiocarpa
var. *costenya* *R. McVaugh, Fl. Novo-Galiciana*, 5: 716 (1987)—Mexico.
macropoda
var. *diffusa* (*E. Mey.*) *B.D. Schrire in Bothalia*, 17(1): 12 (1987); *Apodynomene diffusa*.
natalensis
subsp. *pseudocapitata* (*H.M.L. Forbes*) *B.D. Schrire in Bothalia*, 17(1): 11 (1987); *T. pseudocapitata*.
pondoensis (*Codd*) *B.D. Schrire in Bothalia*, 15(3-4): 552 (1985); *Mundulea pondoensis*.
procumbens (*Buch.-Ham.*) *G. Benth in General Index to Vols. 1-25 Trans. Linn. Soc.*: 101 (1867); *cf. D.J. Mabberley in Taxon*, 26(5-6): 531 (1977); *Galega procumbens*.†
purpurea
var. *yunnanensis* *Z. Wei in Acta Phytotax. Sin.*, 27(1): 76 (1989)—China.
quartiniaria *Cuf. ex W. Greuter & Burdet in Willdenowia*, 16(2): 446 (1987), nom. nov.: *T. vicioides* *A. Rich.*
scopulata *M. Thulin in Nordic J. Bot.*, 8(5): 464 (1989)—Somali Republic.
smythiae *R. McVaugh, Fl. Novo-Galiciana*, 5: 726 (1987)—Mexico.
tricolor (*Hook.*) *Sweet, Hort. Brit., ed. 2*: 142 (1830); *cf. D.J. Mabberley in Taxon*, 31(1): 72 (1982); *Basionym* not stated.

TEPUIANTHUS (Tepuianthac.).

aracensis *J.A. Steyermark & Maguire in Acta Amazonica*, 16-17: 219 (1986-87 publ. 1987)—Brazil.

TERMINALIA (Combretac.).

sect. *Ramatouella* (*Kunth*) *A.R.A. Alwan Al-Mayah & C.A. Stace in Ann. Missouri Bot. Gard.*, 76(4): 1126 (1989); gen. *Ramatouella*.
aridicola
subsp. *chillagoensis* (*Domin*) *L. Pedley in Fl. Australia*, 18: 326, 287 (1990); *T. chillagoensis*.

TERMINALIA :-

chicharronia
subsp. *domingensis* (*Urban*) *A.R.A. Alwan Al-Mayah & C.A. Stace in Ann. Missouri Bot. Gard.*, 76(4): 1125 (1989); *T. domingensis*.
subsp. *neglecta* (*Bisse*) *A.R.A. Alwan Al-Mayah & C.A. Stace in Ann. Missouri Bot. Gard.*, 76(4): 1125 (1989); *T. neglecta*.
subsp. *orientalis* (*Monach.*) *A.R.A. Alwan Al-Mayah & C.A. Stace in Ann. Missouri Bot. Gard.*, 76(4): 1125 (1989); *T. orientalis*.
crispialata (*Ducke*) *A.R.A. Alwan Al-Mayah & C.A. Stace in Ann. Missouri Bot. Gard.*, 76(4): 1126 (1989); *Ramatouella crispialata*.
eichleriana *A.R.A. Alwan Al-Mayah & C.A. Stace in Ann. Missouri Bot. Gard.*, 76(4): 1127 (1989), nom. nov.: *T. punctata* *Eichler*.
hadleyana
subsp. *carpentariae* (*C. White*) *L. Pedley in Fl. Australia*, 18: 326, 284 (1990); *T. carpentariae*.
kuhlmannii *A.R.A. Alwan Al-Mayah & C.A. Stace in Ann. Missouri Bot. Gard.*, 76(4): 1126 (1989)—Brazil.
latipes
subsp. *psilocarpa* *L. Pedley in Fl. Australia*, 18: 326, 286 (1990), nom. nov.: *T. edulis* *F. Muell.*
oblongata
subsp. *volucris* (*R. Br. ex Benth.*) *L. Pedley in Fl. Australia*, 18: 327, 271 (1990); *T. volucris*.
prostrata *L. Pedley in Fl. Australia*, 18: 327, 284 (1990)—Australia (Queensland, N. Terr.).
psilantha *A.C. Smith in Fl. Vitiensis Nova*, 3: 428 (1985)—Fiji.
ramatuella *A.R.A. Alwan Al-Mayah & C.A. Stace in Ann. Missouri Bot. Gard.*, 76(4): 1126 (1989), nom. nov.: *Ramatouella argentea* *Kunth*.
steyermarkii *A.R.A. Alwan Al-Mayah & C.A. Stace in Ann. Missouri Bot. Gard.*, 76(4): 1126 (1989)—Venezuela.
uleana *Engl. ex A.R.A. Alwan Al-Mayah & C.A. Stace in Ann. Missouri Bot. Gard.*, 76(4): 1127 (1989)—Brazil.
virens (*Spruce ex Eichler*) *A.R.A. Alwan Al-Mayah & C.A. Stace in Ann. Missouri Bot. Gard.*, 76(4): 1126 (1989); *Ramatouella virens*.

TERNIOPSIS *H.C. Chao in Contrib. Inst. Bot. Nation. Acad. Peiping*, 6(1): 2 (1948 publ. 1949). **PODOSTEMACEAE**.
sessilis *H.C. Chao in Contrib. Inst. Bot. Nation. Acad. Peiping*, 6(1): 4 (1948 publ. 1949)—China.

TERNSTROEMIA (Theac.).

aracae *B.M. Boom in Brittonia*, 41(2): 136 (1989)—Brazil.
campinicola *B.M. Boom in Brittonia*, 41(2): 138 (1989)—Venezuela, Colombia, Brazil.
dentispalpa *B. Bartholomew in Phytologia*, 64(6): 457 (1988)—Mexico.
guanchezii *B. Boom in Ann. Missouri Bot. Gard.*, 76(4): 970 (1989)—Venezuela.
huasteca *B. Bartholomew in Phytologia*, 64(6): 458 (1988)—Mexico.
lineata
subsp. *chalicophila* (*Loes.*) *B. Bartholomew in Phytologia*, 64(6): 458 (1988); *T. chalicophila*.
maguirei *B. Boom in Ann. Missouri Bot. Gard.*, 76(4): 973 (1989)—Venezuela.
prancei *B.M. Boom in Brittonia*, 41(2): 140 (1989)—Brazil.

TERSONIA (Gyrostemonac.).

cyathiflora (*Fenzl*) *A.S. George ex J.W. Green, Census Vasc. Pl. W. Australia, ed. 2*: 6 (1985); *Haloragis cyathiflora*.

TESSMANNIANTHUS (Melastomatac.).

carinatus *F. Almeda in Ann. Missouri Bot. Gard.*, 76(1): 2 (1989)—Panama.
cereifolius *F. Almeida in Brittonia*, 42(1): 7 (1990)—Panama.
gordonii *F. Almeda in Ann. Missouri Bot. Gard.*, 76(1): 4 (1989)—Panama.
quadridomius *J.J. Wurdack in Rev. Acad. Colomb. Cienc. Exact. Fis. Nat.*, 65: 247 (1989)—Colombia.

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- TETRACHYRON** (Compos.).
oaxacana B.L. Turner in *Phytologia*, 60(4): 251 (1986)—Mexico.
websteri (Wussow & Urbatsch) B.L. Turner in *Phytologia*, 65(3): 241 (1988): T. orizabaensis var. websteri.
- TETRAMERUM** (Crucif.).
quadricornis
f. pamirica (Vass.) H.L. Yang in *Fl. Desert. Reipubl. Popul. Sin.*, 2: 69 (1987): T. pamirica.
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cordifolius (?) F. Rappa & V. Camarrone in *Lav. Ist. Bot. Giard. Colon. Palermo*, 14: 64, table opp. p. 62 (1954), without basionym ref.: *Aptenia cordifolia*.
- TETRADIA** R. Brown, *Pterocymbium*: 233 (4 June 1844). *STERCULIACEAE*. †
horsfieldii R. Brown, *Pterocymbium*: 233 (4 June 1844)—Java. †
- ×**TETRADIACRIUM** hort. in *Orchid Rev.*, 94(1117): centre page pull-out p. 8 (1986). *ORCHIDACEAE*. (Diacrium × Tetramicra).
- TETRAGASTRIS** (Burserac.).
occhionii (Rizzini) D.C. Daly in *Brittonia*, 41(1): 23 (1989): *Protium occhionii*.
- TETRAGONIA** (Aizoac.).
japonica C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 467 (1784)—Japan. †
- TETRAGONOLOBUS** (Legumin.).
maritimus
var. hirsutus (Willk.) F. Muñoz Gamendia & J. Pedrol in *An. Jard. Bot. Madrid*, 44(2): 601 (1987): T. siliquosus var. hirsutus.
- TETRAMERANTHUS** (Annonac.).
globuliferus L.Y.T. Westra in *Proc. Kon. Nederl. Akad. Wetensch., C*, 91(3): 262 (1988)—Ecuador.
- TETRAMERIUM** (Acanthac.).
sect. *Siphonanthus* T.F. Daniel, *Syst. Tetramerium (Acanthac.) (Syst. Bot. Monog., 12)*: 119 (1986).
sect. *Torreyella* Happ ex T.F. Daniel, *Syst. Tetramerium (Acanthac.) (Syst. Bot. Monog., 12)*: 109 (1986).
abditum (T.S. Brandege) T.F. Daniel, *Syst. Tetramerium (Acanthac.) (Syst. Bot. Monog., 12)*: 113 (1986): *Anisacanthus abditus*.
angustus (Nees) T.F. Daniel, *Syst. Tetramerium (Acanthac.) (Syst. Bot. Monog., 12)*: 83 (1986): *Blechnum angustus*.
butterwickianum T.F. Daniel, *Syst. Tetramerium (Acanthac.) (Syst. Bot. Monog., 12)*: 89 (1986)—Mexico.
crenatum T.F. Daniel, *Syst. Tetramerium (Acanthac.) (Syst. Bot. Monog., 12)*: 85 (1986)—Mexico.
denudatum T.F. Daniel, *Syst. Tetramerium (Acanthac.) (Syst. Bot. Monog., 12)*: 42 (1986)—Peru.
emilyanum T.F. Daniel, *Syst. Tetramerium (Acanthac.) (Syst. Bot. Monog., 12)*: 74 (1986)—Mexico.
guerrerense T.F. Daniel, *Syst. Tetramerium (Acanthac.) (Syst. Bot. Monog., 12)*: 101 (1986)—Mexico.
macvaughii T.F. Daniel, *Syst. Tetramerium (Acanthac.) (Syst. Bot. Monog., 12)*: 92 (1986), as 'mevaughii'—Mexico.
oaxacanum T.F. Daniel, *Syst. Tetramerium (Acanthac.) (Syst. Bot. Monog., 12)*: 77 (1986)—Mexico.
obovatum T.F. Daniel, *Syst. Tetramerium (Acanthac.) (Syst. Bot. Monog., 12)*: 78 (1986)—Mexico.
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peruvianum (Lindau) T.F. Daniel, *Syst. Tetramerium (Acanthac.) (Syst. Bot. Monog., 12)*: 119 (1986): *Siphonoglossa peruviana*.
rzedowskii T.F. Daniel, *Syst. Tetramerium (Acanthac.) (Syst. Bot. Monog., 12)*: 104 (1986)—Mexico.
sagasteguianum T.F. Daniel, *Syst. Tetramerium (Acanthac.) (Syst. Bot. Monog., 12)*: 110 (1986)—Peru.
surcubambense T.F. Daniel, *Syst. Tetramerium (Acanthac.) (Syst. Bot. Monog., 12)*: 44 (1986)—Peru.
tetramerioides (Lindau) T.F. Daniel, *Syst. Tetramerium (Acanthac.) (Syst. Bot. Monog., 12)*: 82 (1986): *Cardiacanthus tetramerioides*.
wasshausenii T.F. Daniel, *Syst. Tetramerium (Acanthac.) (Syst. Bot. Monog., 12)*: 71 (1986)—Peru, Bolivia.
yaquianum T.F. Daniel, *Syst. Tetramerium (Acanthac.) (Syst. Bot. Monog., 12)*: 102 (1986)—Mexico.
zeta T.F. Daniel, *Syst. Tetramerium (Acanthac.) (Syst. Bot. Monog., 12)*: 66 (1986)—Peru.
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sect. *Alpinum* T.K. Lowrey in *Allertonia*, 4(4): 241 (1986).
sect. *Sandwicense* T.K. Lowrey in *Allertonia*, 4(4): 254 (1986).
arenarium
subsp. *laxum* T.K. Lowrey in *Allertonia*, 4(4): 259 (1986)—Hawaiian Is.
consanguineum
var. *kauense* T.K. Lowrey in *Allertonia*, 4(4): 262 (1986)—Hawaiian Is.
subsp. *leptophyllum* (Sherff) T.K. Lowrey in *Allertonia*, 4(4): 260 (1986): T. consanguineum var. *leptophyllum*.
filiforme
var. *polyphyllum* (Sherff) T.K. Lowrey in *Allertonia*, 4(4): 247 (1986): T. *polyphyllum*.
humile
subsp. *haleakalae* T.K. Lowrey in *Allertonia*, 4(4): 243 (1986)—Hawaiian Is.
lepidotum
subsp. *arbusculum* (A. Gray) T.K. Lowrey in *Allertonia*, 4(4): 256 (1986): *Vittadinia chamissonis* var. *arbuscula*.
rockii
var. *calcisabulorum* (St. John) T.K. Lowrey in *Allertonia*, 4(4): 250 (1986): *Luteidiscus calcisabulorum*.
sylvae T.K. Lowrey in *Allertonia*, 4(4): 252 (1986)—Hawaiian Is., Cook Is.
- TETRAPLANDRA** (Euphorbiac.).
amazonica M. Emmerich in *Arq. Mus. Nac. (Rio de Janeiro)*, 56: 95 (1981)—Brazil.
bahiensis M. Emmerich in *Arq. Mus. Nac. (Rio de Janeiro)*, 56: 95 (1981)—Brazil.
dimitrii M. Emmerich in *Arq. Mus. Nac. (Rio de Janeiro)*, 56: 96 (1981)—Brazil.
kuhlmannii M. Emmerich in *Arq. Mus. Nac. (Rio de Janeiro)*, 56: 96 (1981)—Brazil.
- TETRAPOGON** (Gramin.).
ferrugineus (Renvoize) S.M. Phillips in *Kew Bull.*, 42(2): 478 (1987): *Chloris ferruginea*.
- TETRAPOLLINIA** B. Maguire & B.M. Boom in *Mem. New York Bot. Gard.*, 51: 31 (1989). *GENTIANACEAE*.
caerulescens (Aublet) B. Maguire & B.M. Boom in *Mem. New York Bot. Gard.*, 51: 31 (1989): *Lisianthus caerulescens*.
- TETRAPTERYS** (Malpighiac.).
cordifolia W.R. Anderson in *Contrib. Univ. Mich. Herb.*, 16: 107 (1987)—Brazil.
- TETRARRHENA** (Gramin.).
turfosa N.G. Walsh in *Muelleria*, 7(1): 95 (1989)—Australia (Victoria, New South Wales).
- TETRASTIGMA** (Vitac.).
crenatum B.R. Jackes in *Austrobaileya*, 3(1): 150 (1989)—Australia (Queensland).
- TETRASTIGMA** —
gamblei B.V. Shetty & P. Singh in *Kew Bull.*, 42(4): 933 (1987)—India.
nilagiricum (Miq.) B.V. Shetty in *Kew Bull.*, 44(3): 477 (1989): *Cissus nilagirica*.
obtectum
subsp. *dichotomum* W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(4): 22 (1986)—China.
petraeum B.R. Jackes in *Austrobaileya*, 3(1): 153 (1989)—Australia (Queensland).
pyncanthum (Collett & Hensley) P. Singh & B.V. Shetty in *Taxon*, 35(3): 597 (1986): *Vitis pyncantha*.
thorsborneorum B.R. Jackes in *Austrobaileya*, 3(1): 155 (1989)—Australia (Queensland).
yunnanense
var. *glabrum* W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(4): 23 (1986)—China.
- TETRATAENIUM** (Umbellif.).
bivittatum (Boissieu) I.P. Mandenova in *Zam. Sist. Geogr. Rast.*, 41: 45 (1986): *Heracleum bivittatum*.
burmanicum (Kurz) I.P. Mandenova in *Zam. Sist. Geogr. Rast.*, 41: 46 (1986): *Heracleum burmanicum*.
candicans (Wall. ex DC.) I.P. Mandenova in *Zam. Sist. Geogr. Rast.*, 41: 44 (1986): *Heracleum candicans*.
cardiocarpum (Rech. f. & H. Riedl) I. Mandenova in *Fl. Iran.*, 162: 505 (1987): *Heracleum cardiocarpum*.
ceylanicum (Gardn. ex C.B. Clarke) I.P. Mandenova in *Zam. Sist. Geogr. Rast.*, 41: 46 (1986): *Heracleum ceylanicum*.
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nephrophyllum (Leute) I. Mandenova in *Fl. Iran.*, 162: 505 (1987): *Heracleum nephrophyllum*.
sublineare (C.B. Clarke) I.P. Mandenova in *Zam. Sist. Geogr. Rast.*, 41: 47 (1986): *Heracleum sublineare*.
wallichii (DC.) I.P. Mandenova in *Zam. Sist. Geogr. Rast.*, 41: 47 (1986): *Heracleum wallichii*.
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microphyllum M.J. Huft in *Ann. Missouri Bot. Gard.*, 75(3): 1110 (1988)—Panama.
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subsect. *Botrys* A. Kästner in *Bioscosme Mésogéen*, 6(1–2): 76 (1989).
subsect. *Canadensis* A. Kästner in *Bioscosme Mésogéen*, 6(1–2): 75 (1989).
subsect. *Chamaedrys* A. Kästner in *Bioscosme Mésogéen*, 6(1–2): 71 (1989).
subsect. *Cretica* A. Kästner in *Bioscosme Mésogéen*, 6(1–2): 71 (1989).
subsect. *Fruticantia* A. Kästner in *Bioscosme Mésogéen*, 6(1–2): 70 (1989).
subsect. *Isotriodon* A. Kästner in *Bioscosme Mésogéen*, 6(1–2): 73 (1989).
subsect. *Marum* A. Kästner in *Bioscosme Mésogéen*, 6(1–2): 73 (1989).
subsect. *Polium* (Miller) A. Kästner in *Bioscosme Mésogéen*, 6(1–2): 72 (1989): gen. *Polium*.
ser. *Pumilum* (Rivas Martínez) T. Navarro & J.L. Rosúa in *Candollea*, 43(1): 174 (1988): T. subsect. *Pumilum*.
subsect. *Pyncobotrys* (Benth.) A. Kästner in *Bioscosme Mésogéen*, 6(1–2): 74 (1989): T. sect. *Pyncobotrys*.
ser. *Rotundifolia* (Cohen) T. Navarro & J.L. Rosúa in *Candollea*, 43(1): 174 (1988): T. subsect. *Rotundifolia*.
subsect. *Scordium* A. Kästner in *Bioscosme Mésogéen*, 6(1–2): 75 (1989).
subsect. *Scorodonia* A. Kästner in *Bioscosme Mésogéen*, 6(1–2): 74 (1989).
ser. *Simplicipilosa* T. Navarro & J.L. Rosúa in *Candollea*, 43(1): 174 (1988), without latin descr. or type.
subsect. *Spinularia* (Boiss.) A. Kästner in *Bioscosme Mésogéen*, 6(1–2): 75 (1989): T. sect. *Spinularia*.

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- subsect. Stachyobotrys* (Benth.) A. Kästner in *Biocosme Mésogéen*, 6(1-2): 75 (1989): T. sect. *Stachyobotrys*.
- afrum**
subsp. rhiphaeum (Pau & Font Quer) S. Castroviejo & E. Bayón in *An. Jard. Bot. Madrid*, 47(2): 513 (1989 publ. 1990): T. oxylepis var. *rhiphaeum*.
subsp. rubriflorum (Pau & Font Quer) S. Castroviejo & E. Bayón in *An. Jard. Bot. Madrid*, 47(2): 513 (1989 publ. 1990): T. afrum var. *rubriflorum*.
- angustifolium** (Willk.) J.B. Peris, R. Figuerola & G. Stübing in *An. Jard. Bot. Madrid*, 45(2): 561 (1988 publ. 1989): T. aureum var. *angustifolium*.
- balearicum** (Pau) S. Castroviejo & E. Bayón in *An. Jard. Bot. Madrid*, 47(2): 508 (1989 publ. 1990): T. subspinosa var. *balearicum*.
- botrys**
f. albiflora O. Socorro & P. Aroza in *Stud. Bot. (Salamanca)*, 6: 127 (1987)—Spain.
- capitatum**
subsp. lusitanicum (Schreber) T. Navarro & J.L. Rosúa in *Candollea*, 45(2): 585 (1990): T. lusitanicum.
subsp. majoricum (Rouv.) T. Navarro & J.L. Rosúa in *Candollea*, 45(2): 586 (1990): T. majoricum.
- cylindraceum** W. Greuter & Burdet in *Willdenowia*, 15(2): 423 (1986), nom. nov.: T. polium var. *cylindraceum* Maire ex Batt.
- eriocephalum**
subsp. almeriense (Hulle. & Sand.) T. Navarro & J.L. Rosúa in *Candollea*, 43(1): 181 (1988): T. almeriense.
subsp. serranum (Pau) T. Navarro & J.L. Rosúa in *Candollea*, 43(1): 180 (1988): T. serranum.
- xestevii** F. Alcaraz, P. Sánchez-Gómez & J.S. Carrón in *Lazarus*, 9: 26 (1986 publ. 1988)—Spain. (T. capitatum subsp. *gracillimum* × *libanitis*).
- glomeratum** A.J. Cavanilles in *Anales Ci. Nat.*, 3(7): 62 (1801)—Canary Is.
- hijazicum** I.C. Hedge & R.A. King in *Notes Roy. Bot. Gard. Edinburgh*, 45(1): 30 (1988)—Saudi Arabia.
- homotrichum** (Font Quer) S. Rivas-Martínez in *Opusc. Bot. Pharm. Complutensis*, 3: 88 (1986): T. carthaginense var. *homotrichum*.
- luteum**
subsp. aureiforme (Rouv.) S. Rivas-Martínez in *Opusc. Bot. Pharm. Complutensis*, 3: 88 (1986): T. polium var. *aureiforme*.
subsp. contortostylum (Sennen) T. Navarro & J.L. Rosúa in *Candollea*, 45(2): 583 (1990): T. polium var. *contortostylum*.
subsp. gabesianum (Puech) Greuter & Burdet ex W. Greuter in *Willdenowia*, 15(2): 423 (1986): T. aureum subsp. *gabesianum*.
subsp. lusitanicum (Schreber) S. Rivas-Martínez in *Opusc. Bot. Pharm. Complutensis*, 3: 88 (1986): T. polium subsp. *lusitanicum*.
- murcium**
subsp. hieronymi (Sennen) T. Navarro & J.L. Rosúa in *Candollea*, 45(2): 586 (1990): T. hieronymi.
- nablii** S. Puech in *Bull. Soc. Bot. France, Lett. Bot.*, 137(1): 67 (1990), contrary to Art. 37.3 ICBN (1988)—Tunisia.
- polium**
subsp. rupestricola (Sennen) T. Navarro & J.L. Rosúa in *Candollea*, 45(2): 582 (1990): T. polium var. *rupestricola*.
- popovii** R.A. King in *Notes Roy. Bot. Gard. Edinburgh*, 45(1): 28 (1988)—Saudi Arabia.
- rotundifolium**
subsp. transatlanticum Emberger ex W. Greuter, H.M. Burdet & G. Long (eds.), *Med-checklist*, 3: xxix (1986): Morocco.
- xscorolepis** S. Pajarón & A. Molina in *Fontqueria*, 27: 163 (1989)—Spain. (T. oxylepis × *scorodonia*).
- similatum** T. Navarro & J.L. Rosúa in *Candollea*, 45(2): 583 (1990)—Spain.
- sinaicum**
var. kaiserii (Täckh. & Boulos) D. Heller in D. Heller & C.C. Heyn, *Conspect. Fl. Oriental.*, 3: 102 (1986), without basionym ref.: Basionym not stated.

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- var. purpurascens* (Täckh. & Boulos) D. Heller in D. Heller & C.C. Heyn, *Conspect. Fl. Oriental.*, 3: 102 (1986), without basionym ref.: Basionym not stated.
- stocksianum**
subsp. stenophyllum R.A. King in *Notes Roy. Bot. Gard. Edinburgh*, 45(1): 32 (1988)—Oman.
- taylorii**
subsp. muticum Yu.L. Menitskii in *Fl. Armenii*, 8: 18 (1987)—U.S.S.R. (Caucasus).
- townsendii**
subsp. affine (T.S. Brandege) R. Moran in *Levin & Moran, Vasc. Fl. Isla Socorro, Mexico (Mem. San Diego Soc. Nat. Hist. 16)*: 44 (1989): T. affine.
- turdetanum** (Devesa & Valdés-Bermejo) J.B. Peris, R. Figuerola & G. Stübing in *An. Jard. Bot. Madrid*, 45(2): 561 (1988 publ. 1989): T. aureum subsp. *turdetanum*.

TEUSCHERIA (Orchidac.).

- horichiana* R. Jenny & G.J. Braem in *Orchid Dig.*, 51(4): 187 (1987)—Costa Rica.

THALICTRUM (Ranunculac.).

- bykovii** Yu.A. Kotukhov in *Bot. Zhurn.*, 75(3): 416 (1990)—U.S.S.R. (Siberia).
- flavum**
subsp. simplex (L.) O. de Bolós & J. Vigo, *Fl. Països Catalans*: 243 (1984): T. simplex.
- glaucum** Schrad., *Hort. Gott.*: 14, t. 8 (1809); cf. D.J. Maberley in *Taxon*, 33(3): 443 (1984)—Locality not stated.
- minus**
var. arenicola V. Osvačilová in *Biología, A (Czechoslovakia)*, 38(5): 456 (1983)—Czechoslovakia.
subsp. carpaticum (Kotula) V. Osvačilová in *Fl. Slovenska*, 3: 237 (1982): T. minus var. *carpaticum*.
subsp. elatum (Jacq.) M. Kerguelen in *Lejeunia*, 120: 175 (1987): T. elatum.
- f. jacquinianum** (Koch) V. Osvačilová in *Fl. Slovenska*, 3: 231 (1982): T. jacquinianum.
- f. macrophyllum** (Schur) V. Osvačilová in *Fl. Slovenska*, 3: 230 (1982): T. minus b. *macrophyllum*.
- subsp. olympicum* (Boiss. & Heldr.) A. Strid in A. Strid (ed.), *Mount. Fl. Greece*, 1: 229 (1986): T. olympicum.
- var. petrosium* (Schur) V. Osvačilová in *Fl. Slovenska*, 3: 230 (1982): T. petrosium.
- subsp. saxicola* V. Osvačilová in *Biología, A (Czechoslovakia)*, 38(5): 456 (1983)—Czechoslovakia.
- saissanicus** Yu.A. Kotukhov in *Bot. Zhurn.*, 75(3): 418 (1990)—U.S.S.R. (Siberia).
- simplex**
subsp. rhodopaeum (Rech. f.) Panov ex S. Kozuharov & A. Petrova in *Ann. Bot. Fenn.*, 25(4): 390 (1988): T. rhodopaeum.
- ujiinsulare** S. Hatusima in *J. Phytogeogr. Taxon.*, 35(1): 1 (1987)—Japan.
- ussuriense** A.N. Luferov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 94(5): 103 (1989)—U.S.S.R. (Soviet Far East), China, Korea.

THAMNOCALAMUS (Gramin.).

- collaris* T.P. Yi in *Fl. Xizangica*, 5: 41 (1987)—Xizang.

THAMNOCHORTUS (Restionac.).

- amoena** H.P. Linder in *S. Afr. J. Bot.*, 56(4): 451 (1990)—South Africa (Cape Province).
- arenarius** E.E. Esterhuysen in *Bothalia*, 15(3-4): 472 (1985)—South Africa (Cape Province).
- cinereus** H.P. Linder in *Bothalia*, 15(3-4): 473 (1985)—South Africa (Cape Province).
- karooica** H.P. Linder in *S. Afr. J. Bot.*, 56(4): 450 (1990)—South Africa (Cape Province).
- lucens** (Poir.) H.P. Linder in *Bothalia*, 15(3-4): 475 (1985): *Restio lucens*.
- rigidus** E.E. Esterhuysen in *Bothalia*, 15(3-4): 477 (1985)—South Africa (Cape Province).

THAUMASTOCHLOA (Gramin.).

- heteromorpha** B.K. Simon in *Austrobaileya*, 3(1): 90 (1989)—Australia (Queensland).

THECANTHES (Thymelaeac.).

- concreta** (F. Muell.) B.L. Rye in *Nuytsia*, 6(2): 262 (1988): *Pimelea concreta*.
filifolia B.L. Rye in *Fl. Australia*, 18: 325, 213 (1990)—Australia (N. Terr.).
sanguinea (F. Muell.) B.L. Rye in *Nuytsia*, 6(2): 267 (1988): *Pimelea sanguinea*.

THELESERMA (Compos.).

- graminiformis** (Sherff) T.E. Melchert in *Phytologia*, 69(3): 219 (1990): *Bidens muelleri* var. *graminiformis*.
megapotamicum
var. ramosius (S.F. Blake) T.E. Melchert in *Phytologia*, 69(3): 221 (1990): T. ramosius.
muelleri (Sherff) T.E. Melchert in *Phytologia*, 69(3): 221 (1990): *Bidens muelleri*.
pubescens R.D. Dorn in *Great Basin Nat.*, 43(4): 749 (1983)—U.S.A. (Wyoming).
simplicifolium
var. macrocarpum T.E. Melchert in *Phytologia*, 69(3): 222 (1990)—Mexico.
subnudum
var. alpinum S.L. Welsh in *Great Basin Nat.*, 43(2): 369 (1983)—U.S.A. (Utah).

THELOCACTUS (Cactac.).

- bicolor**
var. commodus R. Haas in *Kakt. And. Sukk.*, 39(4): 87 (1988)—Mexico.
var. schwarzii (Backeb.) E.F. Anderson in *Bradleya*, 5: 61 (1987): T. schwarzii.
durangensis (Rueng.) G.D. Rowley in *Excelsa*, 12: 31 (1986): *Echinocactus durangensis*.
lausseri J. Riha & J. Busek in *Kakt. And. Sukk.*, 37(8): 164 (1986)—Mexico.
setispinus (Engelm.) E.F. Anderson in *Bradleya*, 5: 59 (1987): *Echinocactus setispinus*.
tulensis
var. buekii (Klein) E.F. Anderson in *Bradleya*, 5: 65 (1987): *Echinocactus buekii*.
var. matudae (Sanchez-Mej. & A. Lau) E.F. Anderson in *Bradleya*, 5: 66 (1987): T. matudae.
unguispinus (Eng.) G.D. Rowley in *Excelsa*, 12: 30 (1986): *Echinocactus unguispinus*.

THELYMITRA (Orchidac.).

- apiculata** (A.S. George) M.A. Clements & D. Jones in *Austral. Orchid Res.*, 1: 137 (1989): T. variegata var. *apiculata*.
fragrans D.L. Jones & M.A. Clements in *Austrobaileya*, 2(5): 550 (1988)—Australia (Queensland, New South Wales).
malvina M.A. Clements, D. Jones & Molloy in *Austral. Orchid Res.*, 1: 141 (1989)—Australia (Victoria, New South Wales, Queensland), New Zealand, ?Tasmania.
tholiformis B.P.J. Molloy & E.D. Hatch in *New Zealand J. Bot.*, 28(2): 111 (1990)—New Zealand.

THELYPODIOPSIS (Crucif.).

- sagittata**
var. ovalifolia (Rydb.) S.L. Welsh in *Great Basin Nat.*, 46(2): 256 (1986): *Thelypodium ovalifolium*.

THEMEDA (Gramin.).

- sect. Primothemedae** S.L. Chen & T.D. Zhuang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 55 (1989).
chinensis (A. Camus) S.L. Chen & T.D. Zhuang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 59 (1989): T. ciliata subsp. *chinensis*.
minor L. Liou in *Fl. Xizangica*, 5: 343 (1987)—Xizang.
triandra
subsp. japonica (Willdenow) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 532 (1987): *Anthistria japonica*.
trichiata S.L. Chen & T.D. Zhuang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 58 (1989)—China.
unica S.L. Chen & T.D. Zhuang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 56 (1989)—China.
yuanmounensis S.L. Chen & T.D. Zhuang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 60 (1989)—China.
yunnanensis S.L. Chen & T.D. Zhuang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 58 (1989)—China.

THEMISTOCLESIA (Ericac.).

pariensis J.L. Luteyn in *Bull. Torrey Bot. Club*, 112(4): 449 (1985)—Venezuela.

THERMOPSIS (Legumin.).

barbata

f. chrysantha P.C. Li in *Fl. Xizangica*, 2: 725 (1985)—Xizang.

kaxgarica C.Y. Yang in *Claves Pl. Xinjiang*, 3: 16 (1983), without latin descr. or type; et in *Acta Bot. Bor.-Occid. Sin.*, 8(1): 55 (1988)—Xinjiang.

lanceolata

var. turkestanica (Gand.) C.Y. Yang in *Claves Pl. Xinjiang*, 3: 15 (1983); *T. turkestanica*.

macrophylla

subsp. semota (Jepson) R.M. Beauchamp in *Phytologia*, 59(7): 439 (1986); *T. macrophylla* *var. semota*.

mollis M.A. Curtis ex A. Gray, *Thermopsis mollis*: (Feb. 1846) et in *Mem. Acad. Arts & Sci. n.s.*, 3: 47, t. 9 (after May 1846); cf. D.J. Mabberley in *Taxon*, 30(1): 17 (1981)—Locality not stated.

saurensis C.Y. Yang in *Claves Pl. Xinjiang*, 3: 17 (1983), without latin descr. or type; et in *Acta Bot. Bor.-Occid. Sin.*, 8(1): 56 (1988)—Xinjiang.

THEROCISTUS J. Holub in *Preslia*, 58(4): 300 (1986). **CISTACEAE**.

acuminatus (Viv.) J. Holub in *Preslia*, 58(4): 303 (1986); *Cistus acuminatus*.

brevipes (Boiss. & Reut.) J. Holub in *Preslia*, 58(4): 303 (1986); *Helianthemum brevipes*.

bupleurifolius (Lam.) J. Holub in *Preslia*, 58(4): 303 (1986); *Cistus bupleurifolius*.

echioides (Lam.) J. Holub in *Preslia*, 58(4): 303 (1986); *Cistus echioides*.

glomeratus (Willk.) J. Holub in *Preslia*, 58(4): 303 (1986); *Tuberaria glomerata*.

guttatus (L.) J. Holub in *Preslia*, 58(4): 303 (1986); *Cistus guttatus*.

subsp. littoralis (Rouy & Fouc.) J. Holub in *Preslia*, 58(4): 303 (1986); *Helianthemum guttatum f. littorale*.

inconspicuus (Thibaud ex Pers.) J. Holub in *Preslia*, 58(4): 303 (1986); *Helianthemum inconspicuus*.

lipopetalus (Murb.) J. Holub in *Preslia*, 58(4): 303 (1986); *Helianthemum guttatum subsp. lipopetalum*.

macrosepalus (Cosson) J. Holub in *Preslia*, 58(4): 303 (1986); *Helianthemum guttatum var. macrosepalum*.

praecox (W. Grosser) J. Holub in *Preslia*, 58(4): 303 (1986); *Tuberaria praecox*.

villosissimus (Pomel) J. Holub in *Preslia*, 58(4): 303 (1986); *Helianthemum villosissimum*.

THESIUM (Santalac.).

dokerlaense C.Y. Wu ex D.D. Tao in *Fl. Yunnanica*, 4: 780, 299 (1986)—China.

linophyllum

var. pilosiusculum A. Lawalrée in *Bull. Jard. Bot. Nation. Belg.*, 59(3-4): 467 (1989)—France.

remotibracteatum C.Y. Wu & D.D. Tao in *Acta Phytotax. Sin.*, 26(4): 320 (1988)—China.

THIBAUDIA (Ericac.).

falconensis J.L. Luteyn & M.L. Lebron-Luteyn in *Acta Bot. Venezuel.*, 14(1): 167 (1983)—Venezuela.

foreroi J.L. Luteyn in *Op. Bot.*, 92: 127 (1987)—Colombia.

harlingii J.L. Luteyn in *Op. Bot.*, 92: 127 (1987)—Ecuador.

setigera (D. Don ex G. Don f.) Endl., *Cat. Horti Vindob.*, 2: 135 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 436 (1984); *Agapetes setigera*.

THINOPYRUM (Gramin.).

sect. Lophopyrum (Lôve) D.R. Dewey in *Gene Manipulat. in Pl. Improv.* (ed. J.P. Gustafson): 274 (1984), without basionym ref.: *Lophopyrum sect. Lophopyrum*.

sect. Trichophorae (Neuski) D.R. Dewey in *Gene Manipulat. in Pl. Improv.* (ed. J.P. Gustafson): 275 (1984); *Agropyron ser. Trichophorae*.

curvifolium (Lange) D.R. Dewey in *Gene Manipulat. in Pl. Improv.* (ed. J.P. Gustafson): 274 (1984); *Agropyrum curvifolium*.

THINOPYRUM :-

elongatum (Host) D.R. Dewey in *Gene Manipulat. in Pl. Improv.* (ed. J.P. Gustafson): 274 (1984); *Triticum elongatum*.

flaccidifolium (Boiss. & Heldr.) M. Moustakas in *Pl. Syst. Evol.*, 161(3-4): 150 (1988 publ. 1989); *Agropyron scirpeum var. flaccidifolium*.

gentryi (Melderis) D.R. Dewey in *Gene Manipulat. in Pl. Improv.* (ed. J.P. Gustafson): 275 (1984); *Agropyron gentryi*.

podperae (Nabelek) D.R. Dewey in *Gene Manipulat. in Pl. Improv.* (ed. J.P. Gustafson): 275 (1984); *Agropyron podperae*.

ponticum (Podp.) M.E. Barkworth & D.R. Dewey in *Great Basin Nat.*, 43(4): 570 (1983), without basionym ref.: *Basionym not stated*.

scirpeum (K. Presl) D.R. Dewey in *Gene Manipulat. in Pl. Improv.* (ed. J.P. Gustafson): 275 (1984); *Agropyron scirpeum*.

THIOLLIERIA (Rubiace.).

campanulata (Brongn.) M.G. Baumann-Bodenheim, *Syst. Fl. Neu-Caledonien*, 5: 77 (1989); *Grisia campanulata*.

fritillarioides (Schltr.) M.G. Baumann-Bodenheim, *Syst. Fl. Neu-Caledonien*, 4: 103 (1988 publ. Jan. 1989), without basionym ref.; et *Syst. Fl. Neu-Caledonien*, 5: 98 (May 1989), with basionym ref.: *Bikkia fritillarioides*.

macrophylla (Brongn.) M.G. Baumann-Bodenheim, *Syst. Fl. Neu-Caledonien*, 4: 102 (1988 publ. Jan. 1989), without basionym ref.; et *Syst. Fl. Neu-Caledonien*, 5: 98 (May 1989), with basionym ref.: *Grisia macrophylla*.

THISMIA (Burmanniace.).

sect. Myostoma (Miers) P.J.M. Maas & H. Maas-van de Kamer in *Fl. Neotrop.*, 42: 158 (1986); gen. *Myostoma*.

subgen. Ophiomeris (Miers) P.J.M. Maas & H. Maas-van de Kamer in *Fl. Neotrop.*, 42: 144 (1986); gen. *Ophiomeris*.

sect. Ophiomeris (Miers) P.J.M. Maas & H. Maas-van de Kamer in *Fl. Neotropica*, 42: 145 (1986); gen. *Ophiomeris*.

sect. Pyramidalis P.J.M. Maas & H. Maas-van de Kamer in *Fl. Neotrop.*, 42: 161 (1986).

caudata P.J.M. Maas & H. Maas-van de Kamer in *Fl. Neotrop.*, 42: 162 (1986), nom. nov.: *Glaziocharis macahensis Taubert ex Warning*.

fungiformis (Taubert ex Warning) P.J.M. Maas & H. Maas-van de Kamer in *Fl. Neotrop.*, 42: 165 (1986); *Triscyphus fungiformis*.

melanomitra P.J.M. Maas & H. Maas in *Op. Bot.*, 92: 141 (1987)—Ecuador.

saulensis H. Maas & P.J.M. Maas in *Brittonia*, 39(3): 376 (1987)—French Guiana.

singeri (de la Sota) P.J.M. Maas & H. Maas-van de Kamer in *Fl. Neotrop.*, 42: 166 (1986); *Mamoreia singeri*.

THLADIANTHA (Cucurbitac.).

nudiflora

var. macrocarpa Z. Zhang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 45 (1989)—China.

var. membranacea Z. Zhang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 45 (1989)—China.

pustulata (Lévl.) C. Jeffrey ex A.M. Lu & Z.Y. Zhang in *Fl. Reipubl. Popul. Sin.*, 73(1): 141 (1986); *Melothria pustulata*.

THLASPI (Crucif.).

aghricum P.H. Davis & Kit Tan in *Fl. Turkey & E. Aegean Is.*, 10: 234, 40 (1988)—Turkey.

alpestre

subsp. sylvium (Gaudin) M. Kerguelen in *Lejeunia*, 120: 175 (1987); *T. sylvium*.

cariense A. Carlström in *Willdenowia*, 16(1): 73 (1986)—Turkey.

crassum P.H. Davis in *Fl. Turkey & E. Aegean Is.*, 10: 235, 41 (1988)—Turkey.

watsonii P.H. Davis in *Fl. Turkey & E. Aegean Is.*, 10: 235, 41 (1988)—Turkey.

zaffranii (F.K. Meyer) W. Greuter & Burdet in *Willdenowia*, 15(2): 420 (1986); *Nocca zaffranii*.

THORNCROFTIA (Labiata.).

media L.E. Codd in *Bothalia*, 16(1): 52 (1986)—South Africa (Transvaal).

THOTTEA (Aristolochiac.).

duchartrei V.V. Sivarajan, A. Babu & Indu Balachandran in *Indian J. Forest.*, 8(4): 267 (1985 publ. 1986)—India.

THRASYA (Gramin.).

crucensis T.J. Killeen in *Ann. Missouri Bot. Gard.*, 77(1): 190 (1990)—Bolivia.

longiligulata M.N.C. Bastos & A.G. Burman in *Bol. Mus. Paraense Emilio Goeldi, Bot.*, 4(2): 236 (1988)—Brazil.

mosquiensis G. Davide & A.G. Burman in *Ann. Missouri Bot. Gard.*, 74(2): 434 (1987)—Nicaragua, Honduras.

stricta A.G. Burman in *Acta Bot. Venezuel.*, 14(4): 75 (1987)—Venezuela.

THRINAX (Palmae).

sect. Macrocarpa (León ex Muñiz) A. Borhidi & O. Muñiz in *Acta Bot. Hung.*, 31(1-4): 226 (1985); gen. *Macrocarpa*.

compacta (Griseb.) & Wendl. ex Griseb.) A. Borhidi & O. Muñiz in *Acta Bot. Hung.*, 31(1-4): 226 (1985); *Trithrinax compacta*.

ekmaniana (Burret) A. Borhidi & O. Muñiz in *Acta Bot. Hung.*, 31(1-4): 227 (1985); *Hemithrinax ekmaniana*.

rivularis (León) A. Borhidi & O. Muñiz in *Acta Bot. Hung.*, 31(1-4): 226 (1985); *Hemithrinax rivularis*.

var. savannarum (León) A. Borhidi & O. Muñiz in *Acta Bot. Hung.*, 31(1-4): 226 (1985); *Hemithrinax savannarum*.

THRIXSPERMUM (Orchidac.).

barbellatum (Schltr.) M.A. Clements, B. Wallace & D. Jones in *Austral. Orchid Res.*, 1: 144 (1989); *Dryadorchis barbellata*.

insularum (Aver.) L.V. Aver'yanov in *Bot. Zhurn.*, 75(5): 723 (1990); *Pteroceras insularum*.

THRYPTOMENE (Myrtac.).

biseriata J.W. Green in *Fl. S. Australia*, 2: 948 (1986)—Australia (W. Australia, S. Australia).

cuspidata (Turcz.) J.W. Green, *Census Vasc. Pl. W. Australia*, ed. 2: 6 (1985); *Paryphantha cuspidata*.

decussata (W. Fitzg.) J.W. Green, *Census Vasc. Pl. W. Australia*, ed. 2: 6 (1985); *Scholtzia decussata*.

longifolia J.W. Green in *Fl. S. Australia*, 2: 950 (1986)—Australia (S. Australia).

THUNBERGIA (Acanthac.).

bicolor (Wight) K.S. Manilal & C.R. Suresh in *J. Econ. Taxon. Bot.*, 5(2): 422 (1984); *Schmidia bicolor*.

THYMBRA (Labiata.).

spicata

subsp. intricata (P.H. Davis) R. Morales Valverde in *An. Jard. Bot. Madrid*, 44(2): 377 (1987); *T. spicata var. intricata*.

THYMELAEA (Thymelaeac.).

coridifolia

subsp. dendrobryum (Rothm.) M. Lainz, *Mis contrib. conoocm. fl. Asturias*: 47 (1982); *T. dendrobryum*.

dioica

subsp. glauca S. Talavera & J. Muñoz in *Lagascalia*, 14(1): 149 (1986)—Spain.

tartonorraira

subsp. austroiberica J. Lambinon in *Soc. Ech. Pl. Vasc. Eur. Bassin Médit. Bull.*, 21: 21 (1986), nom. nov.: *Passerina tartonorraira var. angustifolia Boiss.*

THYMOPHYLLA (Compos.).

acerosa (DC.) J.L. Strother in *Sida*, 11(4): 376 (1986); *Dyssodia acerosa*.

aurea

var. polychaeta (A. Gray) J.L. Strother in *Sida*, 11(4): 376 (1986); *Hymenatherum polychaetum*.

concinna (A. Gray) J.L. Strother in *Sida*, 11(4): 376 (1986); *Hymenatherum concinnum*.

THYMOPHYLLA :-

- gentryi (*M. Johnston*) *J.L. Strother in Sida*, 11(4): 376 (1986): *Dyssodia gentryi*.
- gypsophila (*B. Turner*) *J.L. Strother in Sida*, 11(4): 377 (1986): *Dyssodia gypsophila*.
- micropoides (*DC.*) *J.L. Strother in Sida*, 11(4): 377 (1986): *Gnaphalopsis micropoides*.
- mutica (*M. Johnston*) *J.L. Strother in Sida*, 11(4): 377 (1986): *Dyssodia mutica*.
- pentachaeta
var. *belenidium* (*DC.*) *J.L. Strother in Sida*, 11(4): 377 (1986): *Hymenatherum belenidium*.
- var. *hartwegii* (*A. Gray*) *J.L. Strother in Sida*, 11(4): 377 (1986): *Hymenatherum hartwegii*.
- var. *puberula* (*Rydb.*) *J.L. Strother in Sida*, 11(4): 377 (1986): *T. puberula*.
- setifolia
var. *radiata* (*A. Gray*) *J.L. Strother in Sida*, 11(4): 378 (1986): *T. greggii* var. *radiata*.
- tenuiloba
var. *texana* (*Cory*) *J.L. Strother in Sida*, 11(4): 378 (1986): *Dyssodia texana*.
- var. *treculii* (*A. Gray*) *J.L. Strother in Sida*, 11(4): 378 (1986): *Hymenatherum treculii*.
- var. *wrightii* (*A. Gray*) *J.L. Strother in Sida*, 11(4): 378 (1986): *Hymenatherum wrightii*.
- tephroleuca (*S.F. Blake*) *J.L. Strother in Sida*, 11(4): 378 (1986): *Dyssodia tephroleuca*.

THYMUS (Labiata).

- subsect. *Anomali* (*Rouy*) *R. Morales Valverde in Ruizia*, 3: 146 (1986): *T. sect. Anomali*.
- subsect. *Pseudothymbra* (*Benth.*) *R. Morales Valverde in Ruizia*, 3: 146 (1986): *T. sect. Pseudothymbra*.
- subsect. *Thymastra* (*Nyman ex Velen.*) *R. Morales Valverde in Ruizia*, 3: 146 (1986): *T. sect. Thymastra*.
- subsect. *Thymbropsis Jalas ex R. Morales Valverde in An. Jard. Bot. Madrid*, 45(2): 562 (1988 publ. 1989).
- borgiae* *S. Rivas-Martínez, A. Molina & G. Navarro in Opusc. Bot. Pharm. Complutensis*, 4: 118 (1988)—Spain.
- × *brachychaetus*
nothosubsp. *toletanus* (*Pau*) *R. Morales Valverde in An. Jard. Bot. Madrid*, 43(1): 39 (1986): *T. × mixtus* var. *toletanus*.
- × *bractichina* *R. Morales Valverde in An. Jard. Bot. Madrid*, 43(1): 39 (1986), nom. nov.: *T. × pectinatus* *R. Morales*.
- didukhii* *V.M. Ostapko in Ukr. Bot. Zhurn.*, 47(2): 92 (1990)—U.S.S.R. (Ukraine).
- funkii*
var. *sabulicola* (*Cosson*) *R. Morales Valverde in An. Jard. Bot. Madrid*, 43(1): 36 (1986): *T. sabulicola*.
- × *genesianus* *P. Galán Cela in An. Jard. Bot. Madrid*, 45(2): 562 (1988 publ. 1989), contrary to Art. H.5.1 ICBN (1988)—Spain. (*T. mastichina* subsp. *mastichina* × *praecox* subsp. *britannicus*).
- glabrescens*
var. *pilosus* (*Opiz*) *J. Čáp in Biología, A (Czechoslovakia)*, 45(5): 405 (1990): *T. pilosus*.
- gobi-altaicus* (*Ulzij*) *R.V. Kamelin & A.L. Budantsev in Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 95(3): 97 (1990): *A. gobiicus* subsp. *gobi-altaicus*.
- godayanus* *S. Rivas-Martínez, A. Molina & G. Navarro in Opusc. Bot. Pharm. Complutensis*, 4: 116 (1988)—Spain.
- hyemalis*
subsp. *millefloris* (*Rivera, Flores & Laencina*) *R. Morales Valverde in Biocosme Mésogéen*, 6(4): 208 (1989): *T. millefloris*.
- × *hyeronimi*
nothosubsp. *hurtadoi* (*O. Socorro et al.*) *R. Morales Valverde in An. Jard. Bot. Madrid*, 43(1): 39 (1986): *T. × hurtadoi*.
- × *invisus* *J. Čáp in Biología, A (Czechoslovakia)*, 45(5): 409 (1990), contrary to Art. H.5.2 ICBN (1988)—Czechoslovakia. (*T. pannonicus* × *pulcherrimus* subsp. *sudeticus*).
- izcoi* *S. Rivas-Martínez, A. Molina & G. Navarro in Opusc. Bot. Pharm. Complutensis*, 4: 114 (1988)—Spain.
- × *josephi-angeli* *J. Mansanet & A. Aguilera in Mediterranea*, 8: 84 (1985)—Spain. (*T. piperella* × *vulgaris*).

THYMUS :-

- kondratjukii* *V.M. Ostapko in Ukr. Bot. Zhurn.*, 44(2): 47 (1987)—U.S.S.R. (Ukraine).
- kotschyanus*
subsp. *migricus* (*Klok. & Shost.*) *Yu.L. Menitskii in Fl. Armenii*, 8: 152 (1987): *T. migricus*.
- subsp. *pseudocollinus* *Yu.L. Menitskii in Fl. Armenii*, 8: 154 (1987)—U.S.S.R. (Caucasus).
- leptophyllus*
subsp. *izcoi* (*Rivas Martínez, Molina & Navarro*) *R. Morales Valverde in Biocosme Mésogéen*, 6(4): 209 (1989): *T. izcoi*.
- leucospermus* *P. Hartvig in Pl. Syst. Evol.*, 155(1-4): 206 (1987)—Greece.
- linearis*
var. *album* (*Ghose & Bhattacharyya*) *H.B. Naitani, Flow. Pl. India, Nepal & Bhutan*: 346 (1990): *T. serpyllum* var. *album*.
- longicaulis*
var. *malyi* (*Ronniger*) *J. Čáp in Biología, A (Czechoslovakia)*, 45(5): 406 (1990): *T. malyi*.
- subsp. *moesiacus* (*Velen.*) *J. Čáp in Biología, A (Czechoslovakia)*, 45(5): 406 (1990): *T. moesiacus*.
- var. *moesiacus* (*Velen.*) *J. Čáp in Biología, A (Czechoslovakia)*, 45(5): 406 (1990): *T. moesiacus*.
- membranaceus*
subf. *purpureus* *F. Alcáraz in Lazaroa*, 8: 416 (1985 publ. 1986), as 'purpurea'—Spain.
- michaelis* *R.V. Kamelin & A.L. Budantsev in Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 95(3): 96 (1990), nom. nov.: *T. mongolicus* *Klok*.
- millefloris* *D. Rivera Núñez, J. Flores & J. Laencina in An. Jard. Bot. Madrid*, 44(1): 47 (1987)—Spain.
- moesiacus*
var. *malyi* (*Ronn.*) *M. Markova in Fl. Nar. Republ. Bulgariya*, 9: 322 (1989): *T. malyi*.
- neurophyllus* (*Rech. f.*) *K.H. Rechinger in Ann. Bot. Fenn.*, 26(2): 169 (3 July 1989), isonym: *Thymra neurophylla*.
- neurophyllus* (*Rech. f.*) *R. Morales Valverde in An. Jard. Bot. Madrid*, 45(2): 562 (1988 publ. March 1989): *Thymra neurophylla*.
- oenipontanus*
var. *xerophyllus* (*Lyka*) *J. Čáp in Biología, A (Czechoslovakia)*, 45(5): 406 (1990): *T. serpyllum* f. *xerophyllus*.
- pallasianus*
subsp. *ciliatissimus* (*Klokov*) *J. Čáp in Biología, A (Czechoslovakia)*, 45(5): 406 (1990): *T. ciliatissimus*.
- polytrichus*
subsp. *britannicus* (*Ronniger*) *M. Kerguelen in Lejeunia*, 120: 177 (1987): *T. britannicus*.
- subsp. *vallicola* (*H. Braun*) *M. Debray ex M. Kerguelen in Lejeunia*, 120: 177 (1987): *T. trachselianus* var. *vallicola*.
- praecox*
f. *badensis* (*H. Braun*) *J. Čáp in Biología, A (Czechoslovakia)*, 45(5): 405 (1990): *T. badensis*.
- f. *borosianus* (*Lyka*) *P. Schmidt ex J. Čáp in Biología, A (Czechoslovakia)*, 45(5): 407 (1990): *T. serpyllum* f. *borosianus*.
- subsp. *caucasicus* (*Ronniger*) *J. Jalas in Willdenowia*, 15(2): 423 (1986): *T. caucasicus*.
- f. *cinerosus* (*Lyka*) *J. Čáp in Biología, A (Czechoslovakia)*, 45(5): 405 (1990): *T. serpyllum* f. *cinerosus*.
- var. *grossheimii* (*Ronniger*) *J. Jalas in Willdenowia*, 15(2): 424 (1986): *T. grossheimii*.
- subsp. *jankae* (*Celak.*) *J. Jalas in Willdenowia*, 15(2): 423 (1986): *T. jankae*.
- pulcherrimus*
f. *goemoeriensis* (*Lyka*) *J. Čáp in Biología, A (Czechoslovakia)*, 45(5): 405 (1990), as 'gömöriensis': *T. serpyllum* f. *goemoeriensis*.
- pulegioides*
var. *adscendens* (*Wimmer & Grab.*) *J. Čáp in Biología, A (Czechoslovakia)*, 45(5): 404 (1990): *T. serpyllum* var. *adscendens*.
- var. *barbulatus* (*Borbás ex Ronniger*) *J. Čáp in Biología, A (Czechoslovakia)*, 45(5): 404 (1990): *T. pulegioides* p. subvar. *barbulatus*.
- rechingeri* *P. Hartvig in Pl. Syst. Evol.*, 155(1-4): 205 (1987)—Greece.

THYMUS :-

- subsp. *macrocalyx* *P. Hartvig in Pl. Syst. Evol.*, 155(1-4): 206 (1987)—Greece.
- rigidulus* *M. Kerguelen in Lejeunia*, 120: 178 (1987), nom. nov.: *T. augustifolius* var. *rigidus* *Wimm. & Grab.*
- × *saxicola*
nothovar. *pseudohumifusus* *J. Čáp in Biología, A (Czechoslovakia)*, 45(5): 409 (1990), as 'nothomorph'—Czechoslovakia. (*T. pannonicus* var. *latifolius* × *praecox*).
- × *schmidtii* *J. Čáp in Biología, A (Czechoslovakia)*, 45(5): 408 (1990)—Czechoslovakia. (*T. glabrescens* × *serpyllum*).
- serpyllum*
var. *album* *B. Ghosh & U.C. Bhattacharyya in J. Econ. Taxon. Bot.*, 10(2): 311 (1987 publ. 1988)—India.
- subnervosus* *A.I. Vvedenskii, M.M. Nabiev & M. Tulyaganova in Oped. Rast. Sred. Azii*, 9: 361 (1987)—U.S.S.R. (Middle Asia).
- teucroides*
subsp. *alpinus* *P. Hartvig in Pl. Syst. Evol.*, 155(1-4): 204 (1987)—Greece.
- subsp. *candilicus* (*Beauverd*) *P. Hartvig in Pl. Syst. Evol.*, 155(1-4): 204 (1987): *T. teucroides* var. *candilicus*.
- × *viciosoi* (*Pau*) *R. Morales Valverde in An. Jard. Bot. Madrid*, 43(1): 41 (1986): *T. bracteatus* f. *viciosoi*.

THYRSOSALACIA (Celastrac.).

- paracemosa* *N. Hallé in Fl. Gabon*, 29: 24 (1986)—Cameroun.
- racemosa* (*Loesener ex Harms*) *N. Hallé in Fl. Gabon*, 29: 26 (1986): *Salacia racemosa*.

THYSANOSTIGMA (Acanthac.).

- odontites* (*Ridley*) *B. Hansen in Nordic J. Bot.*, 8(3): 228 (1988): *Justicia odontites*.

THYSANOTUS (Anthericac.).

- newbeyi* *N.H. Britton in Fl. Australia*, 45: 495, 323 (1987)—Australia (W. Australia).

TIBETIA (Legumin.).

- forrestii* (*Ali*) *P.C. Li in Acta Bot. Yunnanica*, 11(3): 287 (1989): *Gueldeniaetdia forrestii*.
- liangshanensis* *P.C. Li in Acta Bot. Yunnanica*, 11(3): 287 (1989)—China.
- tonglensis*
f. *coelestis* (*Diels*) *P.C. Li in Acta Bot. Yunnanica*, 11(3): 286 (1989): *Astragalus coelestis*.

TIBOUCHINA (Melastomatac.).

- taperoensis* *J.J. Wurdack in Phytologia*, 64(4): 295 (1988)—Brazil.
- wasshausenii* *J.J. Wurdack in Brittonia*, 40(1): 7 (1988)—Peru.

TICODENDRON J. Gómez-Laurito & L.D. Gómez P. in Ann. Missouri Bot. Gard., 76(4): 1148 (1989). UNKNOWN.

- incognitum* *J. Gómez-Laurito & L.D. Gómez P. in Ann. Missouri Bot. Gard.*, 76(4): 1148 (1989)—Costa Rica, Panama, Nicaragua.

TICOREA (Rutac.).

- tubiflora* (*A.C. Smith*) *R.E. Gereau in Candollea*, 45(1): 371 (1990): *Galipea tubiflora*.

TIETKENSIA P.S. Short in Muelleria, 7(2): 248 (1990). COMPOSITAE.

- corrickiae* *P.S. Short in Muelleria*, 7(2): 249 (1990)—Australia (N. Terr., W. Australia, S. Australia).

TIGRIDIA (Iridac.).

- chrysantha* *Cruden & S.J. Walker ex R. McVaugh, Fl. Novo-Galiciana*, 15: 337 (1989)—Mexico.
- martinezii* *G. Calderón de Rzedowski in Bol. Soc. Bot. Méx.*, 47: 3 (1987)—Mexico.
- raimondii* *P. Ravenna in Phytologia*, 64(4): 289 (1988)—Peru.

TILIA (Tiliac.).

- sect. *Endochrysea* *H.T. Chang in Fl. Reipubl. Popul. Sin.*, 49(1): 53 (1989), without latin descr.

- TILIA** :-
 americana
 var. mexicana (Schlecht.) J.W. Hardin in *Syst. Bot.*, 15(1): 45 (1990): T. mexicana.
 angustibracteata H.T. Chang in *Acta Sci. Nat. Univ. Sunyatseni*, 1987(2): 41 (1987)—China.
 argentea
 f. subglobularis Wagn. ex L.Zs. *Vöröss in Acta Bot. Hung.*, 31(1-4): 173 (1985)—Hungary.
 caucasica
 f. seiuntobracteata L.Zs. *Vöröss in Acta Bot. Hung.*, 31(1-4): 179 (1985)—Hungary.
 euchlora
 f. pseudomultibracteata L.Zs. *Vöröss in Acta Bot. Hung.*, 31(1-4): 179 (1985), as 'pseudomultibracteata'—Hungary.
 fulvosa H.T. Chang in *Acta Sci. Nat. Univ. Sunyatseni*, 1987(2): 42 (1987)—China.
 gracilis H.T. Chang in *Acta Sci. Nat. Univ. Sunyatseni*, 1987(2): 42 (1987)—China.
 grandifolia
 f. praestabilis Wagn. ex L.Zs. *Vöröss in Acta Bot. Hung.*, 31(1-4): 175 (1985)—Cultivation.
 miqueliana
 var. longipes P.L. Chiu in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 105 (1988)—China.
 paucicostata
 var. dictyoneura (V. Engl. ex Schneider) H.T. Chang & Miau in *Fl. Reipubl. Popul. Sin.*, 49(1): 72 (1989): T. dictyoneura.
 var. ningshanensis P.H. Yang in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 113 (1988)—China.
 platyphyllos
 f. grandibracteata L.Zs. *Vöröss in Acta Bot. Hung.*, 31(1-4): 175 (1985)—Romania.
 f. pseudotrichogyna L.Zs. *Vöröss in Acta Bot. Hung.*, 31(1-4): 175 (1985), as 'pseudo-trichogyna'—Hungary.
 f. subclavigata Wagn. ex L.Zs. *Vöröss in Acta Bot. Hung.*, 31(1-4): 175 (1985)—Hungary.
 × praelustris Wagn. ex L.Zs. *Vöröss in Acta Bot. Hung.*, 31(1-4): 179 (1985)—Hungary. (T. × jakobiana × petiolaris).
 × pseudolongirostris Wagn. ex L.Zs. *Vöröss in Acta Bot. Hung.*, 31(1-4): 173 (1985)—Hungary. (T. argentea × petiolaris).
 × pseudopulchra Wagn. ex L.Zs. *Vöröss in Acta Bot. Hung.*, 31(1-4): 175 (1985)—Cultivation. (T. argentea var. calvescens × petiolaris).
- TILLANDSIA** (Bromeliac.).
 abyssophila L.B. Smith & J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 73(4): 714 (1986 publ. 1987)—Venezuela.
 almeriae W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 58: 19 (1986)—Colombia.
 alvareziae W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 58: 22 (1986), as 'alvarezii'—Mexico.
 bagua-grandensis W. Rauh in *J. Bromeliad Soc.*, 37(6): 259 (1987)—Peru.
 candida E.M.C. Leme in *Bradea*, 4(50): 397 (1987)—Brazil.
 chapeuensis W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 58: 24 (1986)—Brazil.
 coinaensis R. Ehlers in *Bromelie*, 1990(1): 9 (1990)—Peru.
 confinis
 var. minor J. Rutschmann & W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 65: 47 (1988)—Ecuador.
 copanensis W. Rauh & Rutschmann in *J. Bromeliad Soc.*, 38(1): 7 (1988)—Honduras.
 copynii E.J. Gouda in *J. Bromeliad Soc.*, 38(2): 82 (1988)—Brazil.
 dexteri H.E. Luther in *Selbyana*, 11: 54 (1989)—Costa Rica.
 × donatoi E.M.C. Leme in *Bradea*, 4(39): 316 (1987)—Brazil. (T. gardneri var. gardneri × stricta var. stricta).
 dortheae W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 60: 59 (1987)—Argentina.
- TILLANDSIA** :-
 elvira-grossiae W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 65: 49 (1988)—Peru.
 feldhoffii R. Ehlers in *Bromelie*, 1990(2): 40 (1990)—Guatemala.
 fuchsii W. Till in *Bromelie*, 1990(2): 30 (1990)—Mexico.
 f. gracilis W. Till in *Bromelie*, 1990(2): 32 (1990)—Mexico, Guatemala.
 var. stephani W. Till in *Bromelie*, 1990(2): 32 (1990)—Mexico.
 funkiana
 var. recurvifolia A. Blass ex W. Rauh in *J. Bromeliad Soc.*, 39(3): 116 (1989)—Venezuela.
 genseri W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 65: 54 (1988)—Argentina.
 guasamayensis C.A. Palaci & A.J. Gilmartin in *Syst. Bot.*, 14(2): 152 (1989)—Argentina.
 guelzii W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 65: 55 (1988)—Argentina.
 guerreroensis W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 60: 65 (1987)—Mexico.
 hammeri W. Rauh & R. Ehlers in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 65: 67 (1987)—Mexico.
 harrisii R. Ehlers in *Bromelie*, 3: 34 (1987)—Guatemala.
 huarazensis Ehlers & Till in *Bromelie*, 1988(2): 21 (1988)—Peru.
 ilseana W. Till, H. Halbritter & E. Zecher in *J. Bromeliad Soc.*, 39(4): 153 (1989)—Mexico.
 imperialis Morren ex Roezl, *Deut. Gärt.-Zeit.*, 1881; *Belgique horticole*, 33: 133 (1883); cf. D.J. Mabberley in *Taxon*, 34(3): 455 (1985)—Locality not stated.
 jalisco-pinicola L. Hromadnik & P. Schneider in *Hausknechtia, Mitt. Thüring. Bot. Ges.*, 2: 43 (1985)—Mexico.
 klausii R. Ehlers in *J. Bromeliad Soc.*, 38(6): 257 (1988)—Mexico.
 krukoffiana
 var. piepenbringii W. Rauh in *J. Bromeliad Soc.*, 36(6): 259 (1986)—Peru.
 kurt-horstii W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 60: 69 (1987)—Brazil.
 maxima Strangew., *Sketch Mosq. Shore*: 138 (1822); cf. D.J. Mabberley in *Taxon*, 33(3): 444 (1984)—Locality not stated.
 muhreae W. Weber in *Feddes Repert.*, 97(3-4): 101 (1986)—Argentina.
 nolleriana R. Ehlers ex W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 58: 29 (1986)—Mexico.
 nuyooensis R. Ehlers in *Bromelie*, 1989(3): 53 (1989)—Mexico.
 oropezana L. Hromadnik in *Bromelie*, 1989(1): 14 (1989)—Bolivia.
 pamelaee W. Rauh in *J. Bromeliad Soc.*, 36(3): 117 (1986)—Mexico.
 paucifolia
 subsp. schubertii F. Ebel & J. Röth in *Flora (Germany)*, 181(3-4): 179 (1988)—Mexico.
 peiranoi
 var. alba J. Rutschmann ex W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 58: 32 (1986)—Argentina.
 pentasticha W. Rauh & R. Wülflinghoff in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 65: 59 (1988)—Mexico.
 pfeufferi W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 65: 61 (1988)—Argentina.
 porongoensis L. Hromadnik & P. Schneider in *Hausknechtia, Mitt. Thüring. Bot. Ges.*, 4: 39 (1988)—Argentina.
 praschekii R. Ehlers & K. Willinger in *Bromelie*, 1989(2): 36 (1989)—Cuba.
 pseudocardenasii W. Weber in *Feddes Repert.*, 97(3-4): 103 (1986)—Bolivia.
 pseudosetacea R. Ehlers & W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 58: 35 (1986)—Mexico.
- TILLANDSIA** :-
 pucaraensis R. Ehlers in *Bromelie*, 1989(1): 9 (1989)—Peru.
 rayonesensis R. Ehlers in *J. Bromeliad Soc.*, 40(1): 21 (1990)—Mexico.
 reclinata Anon. in *Bradea*, 4(33): errata slip (1986), non Pereira & Martinelli (1982)—Brazil.
 romeroi
 var. gruberi W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 60: 77 (1987)—Colombia.
 schusteri W. Rauh in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 58: 37 (1986)—Mexico.
 spiculosa
 var. stenoglossa (L.B. Smith) E.J. Gouda in *Fl. Guianas, Ser. A*, 3(189): 62 (1987): T. stenoglossa.
 spiralipectala E.J. Gouda in *J. Bromeliad Soc.*, 36(4): 165 (1986)—Bolivia.
 tetrantha
 var. caribaea (L.B. Smith) E.J. Gouda in *Fl. Guianas, Ser. A*, 3(189): 65 (1987): T. caribaea.
 tortilis
 subsp. curvifolia R. Ehlers & W. Rauh in *J. Bromeliad Soc.*, 40(4): 167 (1990)—Mexico.
 turquinensis K. Willinger & Michálek in *J. Bromeliad Soc.*, 39(1): 8 (1989)—Cuba.
 vicentina
 var. wuelflinghoffii E. Gross in *Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 60: 82 (1987)—Mexico.
 weberi L. Hromadnik & P. Schneider in *J. Bromeliad Soc.*, 37(3): 105 (1987)—Mexico.
 wuelflinghoffii R. Ehlers in *J. Bromeliad Soc.*, 40(5): 201 (1990), as 'wülflinghoffii'—Mexico.
 xiphioides
 var. lutea L. Hromadnik in *Bromelie*, 1990(1): 14 (1990)—Bolivia.
 var. minor L. Hromadnik in *Bromelie*, 1989(3): 65 (1989)—Argentina.
 yuncharaensis W. Till in *J. Bromeliad Soc.*, 40(5): 214 (1990)—Bolivia.
- TIMONIA** (Rubiace.).
 corneri K.M. Wong in *Kew Bull.*, 43(3): 500 (1988)—Malaya, Thailand.
 var. penangianus (Ridl.) K.M. Wong in *Kew Bull.*, 43(3): 502 (1988): T. wallichianus var. penangianus.
 corymbosus
 var. takamatsui F.R. Fosberg & M.H. Sachet in *Micronesica*, 20(1-2): 159 (1987)—Caroline Is.
 glabrior (Val.) K.M. Wong in *Kew Bull.*, 43(3): 505 (1988): T. wallichianus var. glabrior.
 mollis
 var. submollis F.R. Fosberg & M.H. Sachet in *Micronesica*, 20(1-2): 161 (1987)—Caroline Is.
 var. villosissimus (Kanehira) F.R. Fosberg & M.H. Sachet in *Micronesica*, 20(1-2): 161 (1987): T. villosissimus.
 salsedoi F.R. Fosberg & M.H. Sachet in *Micronesica*, 20(1-2): 162 (1987)—Caroline Is.
 subauritus
 var. strigosus F.R. Fosberg & M.H. Sachet in *Micronesica*, 20(1-2): 163 (1987)—Caroline Is.
- TINOSPORA** (Menispermac.).
 guangxiensis H.S. Lo in *Guihaia*, 6(1-2): 52 (1986)—China.
 hainanensis H.S. Lo & Z.X. Li in *Guihaia*, 6(1-2): 51 (1986)—Hainan.
 sagittata
 var. leucocarpa Y. Wan ex C.Z. Gao in *Guihaia*, 10(3): 178 (1990)—China.
 var. yunnanensis (S.Y. Hu) H.S. Lo in *Fl. Yunnanica*, 3: 232 (1983): T. yunnanensis.
 siamensis L.L. Forman in *Kew Bull.*, 43(3): 407 (1988)—Thailand.
 verrucosa (Fleming) W. Theobald in F. Mason, *Burmah*, ed. 3, 2: 656 (1883); cf. D.J. Mabberley in *Taxon*, 34(1): 155 (1985): Menispermum verrucosum.
- TIPULARIA** (Orchidac.).
 harae (Maekawa) S.C. Chen in *Acta Phytotax. Sin.*, 25(5): 335 (1987): T. japonica var. harae.

TITHYMALUS (Euphorbiac.).

- duvalii (Lecoq & Lamotte) J. Soják in Čas. Nár. Muz. (Prague), 152(1): 22 (1983): Euphorbia duvalii.
 ericetorum (Zumagl.) J. Soják in Čas. Nár. Muz. (Prague), 149(3-4): 210 (1980 publ. 1981): Euphorbia ericetorum.
 esula
 subsp. riparia (Schur) J. Chrtek & B. Křisa in Čas. Nár. Muz. (Prague), 152(4): 226 (1983 publ. 1984): Euphorbia esula var. d riparia.
 subsp. tristis (Bess. ex Bieb.) J. Chrtek & B. Křisa in Čas. Nár. Muz. (Prague), 152(4): 226 (1983 publ. 1984): Euphorbia tristis.
 flavicomus
 subsp. costeanus (Rouy) J. Soják in Čas. Nár. Muz. (Prague), 152(1): 22 (1983): Euphorbia flavicomus Race E. costeanus.
 gulestanicus (Podlech) J. Soják in Čas. Nár. Muz. (Prague), 152(1): 22 (1983): Euphorbia gulestanica.
 incisus (Engelmann) W.A. Weber in Phytologia, 67(6): 428 (1989): Euphorbia incisa.
 nicaeensis
 subsp. cadrilateri (Prod.) J. Soják in Čas. Nár. Muz. (Prague), 152(1): 22 (1983): Euphorbia cadrilateri.
 subsp. glareosus (Pall. ex Marsch.-Bieb.) J. Soják in Čas. Nár. Muz. (Prague), 152(1): 22 (1983): Euphorbia glareosa.
 subsp. goldei (Prokh.) J. Soják in Čas. Nár. Muz. (Prague), 152(1): 22 (1983): Euphorbia goldei.
 subsp. pannonicus (Host) J. Soják in Čas. Nár. Muz. (Prague), 152(1): 22 (1983): Euphorbia pannonica.
 subsp. stepposus (Zoz) J. Soják in Čas. Nár. Muz. (Prague), 152(1): 23 (1983): Euphorbia stepposa.
 seguieranus
 subsp. loisleuri (Rouy) J. Soják in Čas. Nár. Muz. (Prague), 152(1): 23 (1983): Euphorbia gerardiana Race E. loisleuri.

TOCOCA (Melastomatac.).

- croatii F. Almeda in Proc. Calif. Acad. Sci., Ser. 4, 46(5): 148 (1989)—Panama.
 liesneri J.J. Wurdack in Ann. Missouri Bot. Gard., 76(4): 961 (1989)—Venezuela.

TODDALIA (Rutac.).

- asiatica
 var. parva Z.M. Tan in Bull. Bot. Res. North-East. Forest. Inst., 9(2): 47 (1989), without type—China.

TOECHIMA (Sapindac.).

- erythrocarpum
 subsp. papuanum P.W. Leenhouts in Blumea, 33(1): 204 (1988), nom. nov.: T. livescens Radlk.
 monticola S.T. Reynolds in Fl. Australia, 25: 202, 79 (1985)—Australia (Queensland).
 pterocarpum S.T. Reynolds in Fl. Australia, 25: 202, 81 (1985)—Australia (Queensland).

TOFIELDIA (Melanthiac.).

- sphaerocephala (Khokhr.) A.P. Khokhryakov, Analiz Fl. Kolym'skogo Nagor'ya: 18 (1989): T. coccinea subsp. sphaerocephala.

TOLLATIA (Compos.).

- chrysanthemoides (DC.) Endl., Cat. Horti Vindob., 1: 353 (1842); cf. D.J. Mabberley in Taxon, 33(3): 436 (1984): Basionym not stated.

TOLUMNIA (Orchidac.).

- subgen. Variegata G.J. Braem in Orchidee, 37(2): 59 (1986).
 apiculata (Moir) G.J. Braem in Orchidee, 37(2): 58 (1986): Oncidium apiculatum.
 bahamensis (Nash ex Britt. & Millsp.) G.J. Braem in Orchidee, 37(2): 59 (1986): Oncidium bahamense.
 berenycce (Rchb. f.) G.J. Braem in Orchidee, 37(2): 58 (1986): Oncidium berenycce.
 calochila (Cogn.) G.J. Braem in Orchidee, 37(2): 58 (1986): Oncidium calochilum.
 caribensis (Moir) G.J. Braem in Orchidee, 37(2): 58 (1986): Oncidium caribense.
 caymanensis (Moir) G.J. Braem in Orchidee, 37(2): 58 (1986): Oncidium caymanense.
 compressicaulis (Withner) G.J. Braem in Orchidee, 37(2): 58 (1986): Oncidium compressicaule.

TOLUMNIA :-

- concava (Moir) G.J. Braem in Orchidee, 37(2): 58 (1986): Oncidium concavum.
 ×cubense (Moir) H. Dietrich in Wiss. Zeitschr. Friedrich-Schiller-Univ. Jena, Mat. Naturwiss., 37(1): 153 (1988): Oncidium × cubense.
 cuneilabia (Moir) G.J. Braem in Orchidee, 37(2): 58 (1986): Oncidium cuneilabium.
 guianensis (Aubl.) G.J. Braem in Orchidee, 37(2): 58 (1986): Ophrys guianensis.
 guibertiana (A. Rich.) G.J. Braem in Orchidee, 37(2): 58 (1986): Oncidium guibertianum.
 haitensis (Leonard & Ames ex Ames) G.J. Braem in Orchidee, 37(2): 58 (1986): Oncidium haitense.
 hawkesiana (Moir) G.J. Braem in Orchidee, 37(2): 59 (1986): Oncidium hawkesianum.
 intermedia (Bertero ex Spreng.) H. Dietrich in Wiss. Zeitschr. Friedrich-Schiller-Univ. Jena, Mat. Naturwiss., 37(1): 154 (1988): Oncidium intermedium.
 jimenezii (Moir) G.J. Braem in Orchidee, 37(2): 59 (1986): Oncidium jimenezii.
 leiboldii (Rchb. f.) G.J. Braem in Orchidee, 37(2): 58 (1986): Oncidium leiboldii.
 lemoniana (Lindley) G.J. Braem in Orchidee, 37(2): 58 (1986): Oncidium lemonianum.
 subsp. guibertiana (A. Richard) G.J. Braem in Schlechteriana, 1990(1): 40 (1990): Oncidium guibertianum.
 lucayana (Nash ex Britt. & Millsp.) G.J. Braem in Orchidee, 37(2): 58 (1986): Oncidium lucayanum.
 lyrata (Withner) G.J. Braem in Orchidee, 37(2): 58 (1986): Oncidium lyratum.
 moiriana (Osment) G.J. Braem in Orchidee, 37(2): 58 (1986): Oncidium moirianum.
 ×osmentii (Withner) G.J. Braem in Orchidee, 37(2): 59 (1986): Oncidium osmentii.
 prionocheila (Krzl.) G.J. Braem in Orchidee, 37(2): 58 (1986): Oncidium prionocheilum.
 quadrilobata (C. Schweinf.) G.J. Braem in Orchidee, 37(2): 58 (1986): Oncidium quadrilobium.
 sasseri (Moir) G.J. Braem in Orchidee, 37(2): 59 (1986), without exact basionym page: Oncidium sasseri.
 scandens (Moir) G.J. Braem in Orchidee, 37(2): 59 (1986): Oncidium scandens.
 sylvestris (Lindley) G.J. Braem in Orchidee, 37(2): 59 (1986): Oncidium sylvestre.
 tetrapetala (Jacq.) G.J. Braem in Orchidee, 37(2): 58 (1986): Epidendrum tetrapetalum.
 tuerckheimii (Cogn.) G.J. Braem in Orchidee, 37(2): 59 (1986): Oncidium tuerckheimii.
 subsp. acunae M.A. Diaz in Rev. Jard. Bot. Nacion. Univ. Habana, 8(2): 18 (1987), as 'acunai'—Cuba.
 urophylla (Lodd. ex Lindley) G.J. Braem in Orchidee, 37(2): 59 (1986): Oncidium urophyllum.
 usneoides (Lindley) G.J. Braem in Orchidee, 37(2): 59 (1986): Oncidium usneoides.
 variegata (Sw.) G.J. Braem in Orchidee, 37(2): 59 (1986): Epidendrum variegatum.
 velutina (Lindley ex Paxton) G.J. Braem in Orchidee, 37(2): 59 (1986): Oncidium velutinum.

TONGOLOA (Umbellif.).

- cnidiifolia K.T. Fu in Fl. Tsinlingensis, 1(3): 456, 385 (1981)—China.
 filicaudicis K.T. Fu in Fl. Tsinlingensis, 1(3): 456, 385 (1981)—China.
 rubronervis S.L. Liu in Acta Phytotax. Sin., 27(1): 69 (1989)—China.

TONGOLOA :-

- zhongdianensis S.L. Liu in Acta Phytotax. Sin., 27(1): 68 (1989)—China.

TOONA (Meliac.).

- ciliata
 var. australis (F. Muell.) K.N. Bahadur, Monogr. Genus Toona (Meliac.): 78 (1988): Cedrela australis.
 var. brevipetiolulata (Haines) S.C. Mishra & G. Panigrahi in Indian J. Forest., 11(2): 140 (1988): Cedrela brevipetiolulata.
 var. candollei K.N. Bahadur, Monogr. Genus Toona (Meliac.): 99 (1988)—India, China.
 var. grandifoliola (C. DC.) K.N. Bahadur, Monogr. Genus Toona (Meliac.): 91 (1988): Cedrela microcarpa var. grandifoliola.
 var. hainesii (C.D.C.) G. Panigrahi & S.C. Mishra in Indian J. Forest., 11(2): 141 (1988): Cedrela hainesii.
 var. haslettii (Haines) G. Panigrahi & S.C. Mishra in Indian J. Forest., 11(2): 141 (1988): Cedrela toona var. haslettii.
 var. haslettii (Haines) K.N. Bahadur, Monogr. Genus Toona (Meliac.): 92 (1988): Cedrela toona var. haslettii.
 var. hexandra (Wall.) K.N. Bahadur, Monogr. Genus Toona (Meliac.): 93 (1988): Cedrela hexandra.
 var. kingii (C.D.C.) K.N. Bahadur, Monogr. Genus Toona (Meliac.): 100 (1988): Cedrela kingii.
 var. listeri (C.D.C.) K.N. Bahadur, Monogr. Genus Toona (Meliac.): 94 (1988): Cedrela toona var. listeri.
 var. mollis (Hand.-Mazz.) K.N. Bahadur, Monogr. Genus Toona (Meliac.): 101 (1988): Cedrela mollis.
 var. multijuga (Kurz) G. Panigrahi & S.C. Mishra in Indian J. Forest., 11(2): 141 (1988): Cedrela multijuga.
 var. parviflora (Benth.) K.N. Bahadur, Monogr. Genus Toona (Meliac.): 94 (1988): Cedrela toona var. parviflora.
 var. pilistila (C.D.C.) K.N. Bahadur, Monogr. Genus Toona (Meliac.): 95 (1988): Cedrela toona var. pilistila.
 var. pubinervis (C.D.C.) K.N. Bahadur, Monogr. Genus Toona (Meliac.): 96 (1988): Cedrela toona var. pubinervis.
 subsp. velutina (DC.) K.N. Bahadur, Monogr. Genus Toona (Meliac.): 97 (1988): Cedrela velutina.
 var. velutina (DC.) K.N. Bahadur, Monogr. Genus Toona (Meliac.): 104 (1988): Cedrela velutina.
 var. vestita (C.T. White) K.N. Bahadur, Monogr. Genus Toona (Meliac.): 106 (1988): Cedrela toona var. vestita.
 microcarpa
 var. pilipetala (C.D.C.) K.N. Bahadur, Monogr. Genus Toona (Meliac.): 113 (1988): Cedrela toona var. pilipetala.
 var. sahnii K.N. Bahadur, Monogr. Genus Toona (Meliac.): 114 (1988)—India, Bhutan.
 sinensis
 var. denticulata (Chev.) K.N. Bahadur, Monogr. Genus Toona (Meliac.): 118 (1988): T. microcarpa var. denticulata.
 var. glabra (C.D.C.) K.N. Bahadur, Monogr. Genus Toona (Meliac.): 120 (1988): Cedrela glabra.
 var. grandifolia (Chev.) K.N. Bahadur, Monogr. Genus Toona (Meliac.): 121 (1988): T. microcarpa var. grandifolia.
 var. puberula (C.D.C.) K.N. Bahadur, Monogr. Genus Toona (Meliac.): 122 (1988): Cedrela serrata var. puberula.
 var. schensiana (C.D.C.) X.M. Chen in J. Wuhan Bot. Res., 4(2): 187 (1986): Cedrela sinensis var. schensiana.
 sureni
 var. celebica (Koorders) K.N. Bahadur, Monogr. Genus Toona (Meliac.): 133 (1988): Cedrela celebica.
 var. cochinchinensis (Pierre) K.N. Bahadur, Monogr. Genus Toona (Meliac.): 135 (1988): T. febrifuga var. cochinchinensis.
 var. inodora (Hassk.) K.N. Bahadur, Monogr. Genus Toona (Meliac.): 136 (1988): Cedrela inodora.

TOONA :-

- var. philippinensis* (Elm.) K.N. Bahadur, *Monogr. Genus Toona* (Meliac.): 138 (1988): T. philippinensis.
var. teysmannii (Hassk.) K.N. Bahadur, *Monogr. Genus Toona* (Meliac.): 143 (1988): Cedrela teysmannii.
ternatensis (Miq.) K.N. Bahadur, *Monogr. Genus Toona* (Meliac.): 144 (1988): Cedrela febrifuga f. ternatensis.

TOPOBEA (Melastomatac.).

- caliginosa* F. Almeda in *Proc. Calif. Acad. Sci.*, Ser. 4, 46(14): 317 (1990), nom. nov.: Blakea micrantha Almeda.
crassifolia (Almeda) F. Almeda in *Proc. Calif. Acad. Sci.*, Ser. 4, 46(14): 318 (1990): Blakea crassifolia.
fragrantissima F. Almeda in *Proc. Calif. Acad. Sci.*, Ser. 4, 46(14): 318 (1990)—Panama.
hexandra F. Almeda in *Proc. Calif. Acad. Sci.*, Ser. 4, 46(14): 320 (1990)—Panama.
parvifolia (Gleason) F. Almeda in *Proc. Calif. Acad. Sci.*, Ser. 4, 46(14): 322 (1990): Blakea parvifolia.
pascoensis J.J. Wurdack in *Brittonia*, 40(1): 14 (1988)—Peru.
suaveolens F. Almeda in *Proc. Calif. Acad. Sci.*, Ser. 4, 46(14): 323 (1990)—Panama.

TORDYLIUM (Umbellif.).

- carmeli* (Labill.) D. Al-Eisawi & S.L. Jury in *Bot. J. Linn. Soc.*, 97(4): 392 (1988): Heracleum carmeli.
ebracteatum D. Al-Eisawi & S.L. Jury in *Bot. J. Linn. Soc.*, 97(4): 401 (1988)—Turkey.
trachycarpum (Boiss.) D. Al-Eisawi & S.L. Jury in *Bot. J. Linn. Soc.*, 97(4): 395 (1988): Ainsworthia trachycarpa.

TORENIA (Scrophulariac.).

- celebia* T. Yamazaki in *J. Jap. Bot.*, 65(9): 262 (1990)—Celebes.
goetzei (Engl.) F.N. Hepper in *Bol. Soc. Brot.*, 60: 271 (1987): Craterostigma goetzei.
involuta D. Philcox in *Bol. Soc. Brot.*, 60: 267 (1987)—Zambia.
javanica T. Yamazaki in *J. Jap. Bot.*, 65(9): 261 (1990)—Java.
latibracteata (Skan) F.N. Hepper in *Bol. Soc. Brot.*, 60: 271 (1987): Craterostigma latibracteatum.
subsp. parviflora D. Philcox in *Bol. Soc. Brot.*, 60: 267 (1987)—Zambia.
ledermannii F.N. Hepper in *Bol. Soc. Brot.*, 60: 271 (1987), nom. nov.: Craterostigma gracile Pilger.
monroi (S. Moore) D. Philcox in *Bol. Soc. Brot.*, 60: 267 (1987): Craterostigma monroi.
tenuifolia D. Philcox in *Bol. Soc. Brot.*, 60: 267 (1987)—Zambia.
thailandica T. Yamazaki in *J. Jap. Bot.*, 65(9): 265 (1990)—Thailand.

TORILIS (Umbellif.).

- nodosa*
subsp. nemoralis S. Brullo in *Colloqu. Phytosociolog.*, 12: 76 (1983); see *Publ. Ist. Bot. Univ. Catania* (1985)—Sicily.
webbii S.L. Jury in *Bot. J. Linn. Soc.*, 95(4): 297 (1987)—Morocco, Libya, Tunisia, Algeria, Portugal, Spain, Balearic Is., Sicily, Cyprus, Turkey, Iran, Iraq, Egypt, Israel, Canary Is.

TORREYA (Taxac.).

- grandis*
var. yunnanensis (Cheng & Fu) J. Silba in *Phytologia*, 68(1): 72 (1990): T. yunnanensis.

TORULARIA (Crucif.).

- shuanghuica* K.C. Kuan & An in *Fl. Xizangica*, 2: 404 (1985)—Xizang.

TORULINIUM (Cyperac.).

- macrocephalum*
var. davidsei C.D. Adams in *Phytologia*, 63(4): 300 (1987)—Trinidad.
odoratum
subsp. auriculatum (Nees & Meyen ex Kunth) T. Koyama in *Bishop Mus. Occas. Pap.*, 29: 125 (1989): Cyperus auriculatus.

TOUCHARDIA (Urticac.).

- christenseni* H. St. John in *Phytologia*, 63(3): 183 (1987)—Hawaiian Is.
glabra H. St. John in *Phytologia*, 63(3): 183 (1987)—Hawaiian Is.
haupuensis H. St. John in *Phytologia*, 63(3): 183 (1987)—Hawaiian Is.
iaoensis H. St. John in *Phytologia*, 63(3): 183 (1987)—Hawaiian Is.
konaensis H. St. John in *Phytologia*, 63(3): 183 (1987)—Hawaiian Is.
lanaiensis H. St. John in *Phytologia*, 63(3): 183 (1987)—Hawaiian Is.
molokaiensis H. St. John in *Phytologia*, 63(3): 184 (1987)—Hawaiian Is.
nana H. St. John in *Phytologia*, 63(3): 184 (1987)—Hawaiian Is.
napaliensis H. St. John in *Phytologia*, 63(3): 184 (1987)—Hawaiian Is.
occidentalis H. St. John in *Phytologia*, 63(3): 184 (1987)—Hawaiian Is.
wailauensis H. St. John in *Phytologia*, 63(3): 184 (1987)—Hawaiian Is.
wainihaensis H. St. John in *Phytologia*, 63(3): 184 (1987)—Hawaiian Is.

TOULICIA (Sapindac.).

- anomala* J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 75(3): 1076 (1988)—Venezuela.

TOURNEFORTIA (Boraginac.).

- brantii* J.S. Miller in *Ann. Missouri Bot. Gard.*, 76(2): 619 (1989)—Colombia.
calycosa (Donn. Smith) D.L. Nash in *Fl. Veracruz*, 18: 131 (1981): T. bicolor var. calycosa.
hirsutissima
f. bicolor (Swartz) D.L. Nash in *Fl. Veracruz*, 18: 141 (1981): T. bicolor.
longispica J.S. Miller in *Ann. Missouri Bot. Gard.*, 75(2): 513 (1988)—Panama.
multiflora J.S. Miller in *Ann. Missouri Bot. Gard.*, 75(2): 515 (1988)—Panama.
pedicellata D.L. Nash in *Fl. Veracruz*, 18: 143 (1981)—Mexico.
spicata J.S. Miller in *Ann. Missouri Bot. Gard.*, 76(2): 619 (1989)—Colombia.
urceolata J.S. Miller in *Ann. Missouri Bot. Gard.*, 75(2): 518 (1988)—Panama.
usambarensis (Verdec.) B. Verdcourt in *Kew Bull.*, 43(3): 436 (1988): T. sarmentosa subsp. usambarensis.

TOVOMITOPSIS (Guttif.).

- silvicola* B.E. Hammel in *Selbyana*, 9(1): 113 (1986)—Costa Rica.

TOWNSENDIA (Compos.).

- jonesii*
var. lutea S.L. Welsh in *Great Basin Nat.*, 43(2): 369 (1983)—U.S.A. (Utah).
montana
var. caeliliensis S.L. Welsh in *Great Basin Nat.*, 43(2): 370 (1983)—U.S.A. (Utah).

TOXICODENDRON (Anacardiace.).

- quinquefoliolatum* Q.H. Chen in *Acta Bot. Yunnanica*, 7(4): 415 (1985)—China.
toxicarium
f. elobatum (Fern.) C.F. Reed in *Phytologia*, 63(5): 411 (1987): Rhus toxicodendron f. elobatum.
f. leiocarpum (Fern.) C.F. Reed in *Phytologia*, 63(5): 411 (1987): Rhus toxicodendron f. leiocarpa.
vernicifluum
var. shaanxiense J.Z. Zhang & Z.Y. Shang in *Acta Bot. Bor.-Occid. Sin.*, 5(4): 314 (1985)—China.

TOXOCARPUS (Asclepiadac.).

- letouzeanus* H. Huber in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 11(4): 447 (1989 publ. 1990)—Cameroun.

TRACHOMA (Orchidac.).

- papuanum* (Schltr.) M.A. Clements, J.J. Wood & D. Jones in *Austral. Orchid Res.*, 1: 145 (1989): Saccolabium papuanum.

TRACHOMA :-

- speciosum* D. Jones, B. Gray, M.A. Clements & J.J. Wood in *Austral. Orchid Res.*, 1: 145 (1989)—Australia (Queensland), New Guinea (Papua New Guinea).
stellatum M.A. Clements, D. Jones, B. Gray & J.J. Wood in *Austral. Orchid Res.*, 1: 146 (1989)—Australia (Queensland).

TRACHYANDRA (Asphodelac.).

- aridimontana* J.C. Manning in *S. Afr. J. Bot.*, 56(1): 1 (1990)—South Africa (Cape Province).
prolifera P.L. Perry in *S. Afr. J. Bot.*, 56(2): 257 (1990)—South Africa (Cape Province).

TRACHYDIUM (Umbellif.).

- involutellatum* R.H. Shan & F.T. Pu in *Acta Phytotax. Sin.*, 24(4): 313 (1986)—Xizang.
pauciradiatum (Boiss. & Hohen.) K.H. Rechinger in *Fl. Iran.*, 162: 183 (1987): Prangos pauciradiata.

TRACHYMENE (Umbellif.).

- clivicola* Boyland & A.E. Holland in *Austrobaileya*, 3(1): 135 (1989)—Australia (Queensland).
hookeri (Domin) A.E. Holland in *Austrobaileya*, 3(1): 135 (1989): Didiscus procumbens var. hookeri.
humilis
subsp. breviscapa (Domin) P.S. Short in *Muelleria*, 6(3-4): 166 (1986): Didiscus humilis f. breviscapus.

TRACHYSPERMUM (Umbellif.).

- aethusifolium*
var. verruculosum C.C. Townsend in *Kew Bull.*, 41(2): 456 (1986), as 'verruculosa'—Kenya.
confusum I.C. Hedge, J.M. Lamond & K.H. Rechinger in *Fl. Iran.*, 162: 340 (1987)—Afghanistan.
gedrosiacum (Bornm.) I.C. Hedge, J.M. Lamond & K.H. Rechinger in *Fl. Iran.*, 162: 340 (1987): Pimpinella gedrosiaca.
halophilum I.C. Hedge, J.M. Lamond & K.H. Rechinger in *Fl. Iran.*, 162: 339 (1987)—Afghanistan.
microcarpum I.C. Hedge, J.M. Lamond & K.H. Rechinger in *Fl. Iran.*, 162: 342 (1987)—Afghanistan.
paktianum I.C. Hedge, J.M. Lamond & K.H. Rechinger in *Fl. Iran.*, 162: 343 (1987)—Afghanistan.
papillare (Boiss.) I.C. Hedge, J.M. Lamond & K.H. Rechinger in *Fl. Iran.*, 162: 342 (1987): Reutera papillaris.
podlechii (Leute) I.C. Hedge, J.M. Lamond & K.H. Rechinger in *Fl. Iran.*, 162: 339 (1987): Seseli podlechii.
stewartii (Dunn) I.C. Hedge, J.M. Lamond & K.H. Rechinger in *Fl. Iran.*, 162: 338 (1987): Pitaranthos stewartii.

TRADESCANTIA (Commelinac.).

- sect. Campelia* (L.C. Rich.) D.R. Hunt in *Kew Bull.*, 41(2): 404 (1986): gen. Campelia.
sect. Corinna D.R. Hunt in *Kew Bull.*, 41(2): 405 (1986).
sect. Rhoeo (Hance) D.R. Hunt in *Kew Bull.*, 41(2): 401 (1986): gen. Rhoeo.
sect. Zebrina (Schnizlein) D.R. Hunt in *Kew Bull.*, 41(2): 404 (1986): gen. Zebrina.
exaltata D.R. Hunt in *Kew Bull.*, 41(2): 406 (1986)—Mexico.
zebrina
var. flocculosa (G. Brueckner) D.R. Hunt in *Kew Bull.*, 41(2): 406 (1986): Zebrina flocculosa.
var. mollipila D.R. Hunt in *Kew Bull.*, 41(2): 406 (1986)—Mexico.

TRAGACANTHA (Legumin.).

- albatica* (Sirj.) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 23 (1983): Astragalus albanicus.
alexandri (Sirj.) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 23 (1983): Astragalus alexandri.
chodzha-bakirgana M.R. Rasulova in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 4(81): 93 (1980), as '(B. Kom.)' but basionym invalid—U.S.S.R. (Middle Asia).
cyllenea (Boiss. & Heldr.) J. Soják in *Cas. Nár. Muz. (Prague)*, 152(1): 23 (1983): Astragalus cylleneus.

TRAGACANTHA :-

monachorum (*Sirj.*) *J. Soják* in *Cas. Nár. Muz. (Praque)*, 152(1): 23 (1983): *Astragalus monachorum*.

TRAGIA (Euphorbiac.).

correae *M.J. Huft* in *Ann. Missouri Bot. Gard.*, 75(3): 1107 (1988)—Panama.
giardelliae *M.M. Gutiérrez de Sanguinetti & M.E. Múlgura de Romero* in *Darwiniana*, 27(1-4): 491 (1986), as '*giardellii*'—Argentina.
glabrata
var. hispida *A. Radcliffe-Smith* in *Kew Bull.*, 42(2): 396 (1987)—Mozambique.
mazoensis *A. Radcliffe-Smith* in *Kew Bull.*, 42(2): 396 (1987)—Zimbabwe.
prionoides *A. Radcliffe-Smith* in *Kew Bull.*, 42(2): 397 (1987)—Zimbabwe, South Africa (Transvaal).
prostrata *A. Radcliffe-Smith* in *Kew Bull.*, 42(2): 398 (1987)—Zambia.
rubiginosa *M.J. Huft* in *Ann. Missouri Bot. Gard.*, 76(4): 1085 (1989)—Peru.
shirensis
var. glabriuscula *A. Radcliffe-Smith* in *Kew Bull.*, 42(2): 399 (1987)—Mozambique.

TRAGOPOGON (Compos.).

dubius
var. decipiens (*Chaub. ex Noulet*) *O. de Bolòs & J. Vigo* in *Folia Bot. Misc.*, 6: 85 (1989): *T. majus* *var. decipiens*.
var. major (*Jacq.*) *O. de Bolòs & J. Vigo* in *Folia Bot. Misc.*, 6: 85 (1989): *T. major*.
kashmirianus *G. Singh* in *G. Singh & P. Kachroo*, *Forest. Fl. Srinagar*: 123 (1987)—India.
oligolepis *P. Hartvig & A. Strid* in *Bot. Jahrb.*, 108(2-3): 312 (1987)—Turkey.
parviflorus *Trev., Ind. Sem. Wratislav. App. II*: 3 (1820); *cf. D.J. Mabberley* in *Taxon*, 31(1): 72 (1982)—Locality not stated.
rhodanthus *Sweet, Hort. Brit., ed. 2*: 279 (1830); *cf. D.J. Mabberley* in *Taxon*, 31(1): 72 (1982)—Locality not stated.

TRAPA (Trapac.).

annosa
f. bicornis *M.M. Janković* in *Fl. SR Srbije*, 10: 339 (1986)—Jugoslavia.
f. erecticornis *M.M. Janković* in *Fl. SR Srbije*, 10: 339 (1986)—Jugoslavia.
f. pseudomuzzanensis *M.M. Janković* in *Fl. SR Srbije*, 10: 339 (1986)—Jugoslavia.
bicornis
var. coreanus *Y.H. Chung & H.K. Choi* in *Korean J. Pl. Taxon.*, 17(1): 50 (1987), without latin descr. or type—Korea.
brevicarpa
subsp. calosa *M.M. Janković* in *Fl. SR Srbije*, 10: 347 (1986)—Jugoslavia.
var. delicata *M.M. Janković* in *Fl. SR Srbije*, 10: 349 (1986)—Jugoslavia.
f. effigia *M.M. Janković* in *Fl. SR Srbije*, 10: 350 (1986)—Jugoslavia.
f. miniata *M.M. Janković* in *Fl. SR Srbije*, 10: 349 (1986)—Jugoslavia.
var. mirabila *M.M. Janković* in *Fl. SR Srbije*, 10: 348 (1986)—Jugoslavia.
f. muzzanensis *M.M. Janković* in *Fl. SR Srbije*, 10: 348 (1986)—Jugoslavia.
f. perexelsa *M.M. Janković* in *Fl. SR Srbije*, 10: 348 (1986), simultaneous homonym see p. 350—Jugoslavia.
f. perexelsa *M.M. Janković* in *Fl. SR Srbije*, 10: 350 (1986), simultaneous homonym see p. 348—Jugoslavia.
f. quadrata *M.M. Janković* in *Fl. SR Srbije*, 10: 350 (1986)—Jugoslavia.
subsp. rubida *M.M. Janković* in *Fl. SR Srbije*, 10: 350 (1986)—Jugoslavia.
europaea
var. clipeata *M.M. Janković* in *Fl. SR Srbije*, 10: 346 (1986)—Jugoslavia.
var. egregia *M.M. Janković* in *Fl. SR Srbije*, 10: 346 (1986)—Jugoslavia.
var. macrocarpa *M.M. Janković* in *Fl. SR Srbije*, 10: 345 (1986)—Jugoslavia.
var. vulgata *M.M. Janković* in *Fl. SR Srbije*, 10: 346 (1986)—Jugoslavia.

TRAPA :-

litwinowii
var. chihuensis *S.F. Guan & Q. Lang* in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 77 (1987)—China.
longicarpa
f. alticarpa *M.M. Janković* in *Fl. SR Srbije*, 10: 343 (1986)—Jugoslavia.
f. amplicornis *M.M. Janković* in *Fl. SR Srbije*, 10: 344 (1986)—Jugoslavia.
f. arcuata *M.M. Janković* in *Fl. SR Srbije*, 10: 341 (1986)—Jugoslavia.
f. bicornis *M.M. Janković* in *Fl. SR Srbije*, 10: 340 (1986), simultaneous homonym see pp. 342, 343 and ICBN(1988) Art.24.5, Note 1 and Art.64.5—Jugoslavia.
f. bicornis *M.M. Janković* in *Fl. SR Srbije*, 10: 342 (1986), simultaneous homonym see pp. 340, 343 and ICBN(1988) Art.24.5, Note 1 and Art.64.5—Jugoslavia.
f. bicornis *M.M. Janković* in *Fl. SR Srbije*, 10: 343 (1986), simultaneous homonym see pp. 340, 342 and ICBN(1988) Art.24.5, Note 1 and Art.64.5—Jugoslavia.
f. brevicola *M.M. Janković* in *Fl. SR Srbije*, 10: 342 (1986)—Jugoslavia.
f. columnifera *M.M. Janković* in *Fl. SR Srbije*, 10: 342 (1986)—Jugoslavia.
f. concamerata *M.M. Janković* in *Fl. SR Srbije*, 10: 341 (1986)—Jugoslavia.
var. contortula *M.M. Janković* in *Fl. SR Srbije*, 10: 341 (1986)—Jugoslavia.
f. coronatoides *M.M. Janković* in *Fl. SR Srbije*, 10: 341 (1986)—Jugoslavia.
f. depressa *M.M. Janković* in *Fl. SR Srbije*, 10: 340 (1986), simultaneous homonym see pp. 342, 343 and ICBN(1988) Art.24.5, Note 1 and Art.64.5—Jugoslavia.
f. depressa *M.M. Janković* in *Fl. SR Srbije*, 10: 342 (1986), simultaneous homonym see pp. 340, 343 and ICBN(1988) Art.24.5, Note 1 and Art.64.5—Jugoslavia.
f. depressa *M.M. Janković* in *Fl. SR Srbije*, 10: 343 (1986), simultaneous homonym see pp. 340, 342 and ICBN(1988) Art.24.5, Note 1 and Art.64.5—Jugoslavia.
f. elata *M.M. Janković* in *Fl. SR Srbije*, 10: 340 (1986)—Jugoslavia.
f. elongata *M.M. Janković* in *Fl. SR Srbije*, 10: 342 (1986)—Jugoslavia.
f. falcata *M.M. Janković* in *Fl. SR Srbije*, 10: 344 (1986)—Jugoslavia.
var. loricata *M.M. Janković* in *Fl. SR Srbije*, 10: 345 (1986)—Jugoslavia.
var. mammeata *M.M. Janković* in *Fl. SR Srbije*, 10: 344 (1986)—Jugoslavia.
subvar. miniata *M.M. Janković* in *Fl. SR Srbije*, 10: 342 (1986)—Jugoslavia.
f. perangusticornis *M.M. Janković* in *Fl. SR Srbije*, 10: 340 (1986)—Jugoslavia.
subsp. perlongicornis *M.M. Janković* in *Fl. SR Srbije*, 10: 339 (1986)—Jugoslavia.
f. producticarpa *M.M. Janković* in *Fl. SR Srbije*, 10: 344 (1986)—Jugoslavia.
f. pseudomuzzanensis *M.M. Janković* in *Fl. SR Srbije*, 10: 345 (1986)—Jugoslavia.
var. rubra *M.M. Janković* in *Fl. SR Srbije*, 10: 340 (1986)—Jugoslavia.
var. spatiosa *M.M. Janković* in *Fl. SR Srbije*, 10: 341 (1986)—Jugoslavia.
f. subcoronata *M.M. Janković* in *Fl. SR Srbije*, 10: 343 (1986)—Jugoslavia.
f. tessellata *M.M. Janković* in *Fl. SR Srbije*, 10: 345 (1986)—Jugoslavia.
f. turgida *M.M. Janković* in *Fl. SR Srbije*, 10: 340 (1986)—Jugoslavia.
subsp. valida *M.M. Janković* in *Fl. SR Srbije*, 10: 342 (1986)—Jugoslavia.
natans
var. pumila *Nakano ex B. Verdcourt* in *Kew Bull.*, 41(2): 448 (1986)—Vietnam, Thailand, Cambodia, Laos, Japan, ?India, Cameroun, South Africa (Natal).

TREMA (Ulmac.).

tomentosa
var. viridis (*Planchon*) *H.J. Hewson* in *Fl. Australia*, 3: 190, 9 (1989): *Sponia viridis*.

TREMACRON (Gesneriac.).

aurantiacum *K.Y. Pan* in *Acta Phytotax. Sin.*, 26(6): 431 (1988)—China.
obliquifolium *K.Y. Pan* in *Acta Phytotax. Sin.*, 26(6): 429 (1988)—China.
urceolatum *K.Y. Pan* in *Acta Phytotax. Sin.*, 26(6): 429 (1988)—China.

TRETORHIZA (Gentianac.).

cruciata
subsp. phlogifolia (*Schott & Kotschy*) *Á. Löve & D. Löve* in *Taxon*, 35(4): 899 (1986): *Gentiana phlogifolia*.
decumbens (*L.f.*) *Á. Löve & D. Löve* in *Taxon*, 35(4): 899 (1986): *Gentiana decumbens*.

TRIADENUM (Guttif.).

tubulosum
var. walteri (*Gmel.*) *T.S. Cooperrider* in *Castanea*, 54(1): 10 (1989): *Hypericon walteri*.
virginicum
var. fraseri (*Spach*) *T.S. Cooperrider* in *Castanea*, 54(1): 9 (1989): *Elodea fraseri*.

TRIAINOLEPIS (Rubiace.).

sancta *B. Verdcourt* in *Fl. Zambes.*, 5(1): 50 (1989)—Mozambique.

TRIANTHEMA (Aizoac.).

kimberleyi *V. Bittrich & J. Jansen* in *Nuytsia*, 7(2): 118 (1990)—Australia (W. Australia).

TRIAS (Orchidac.).

bonaccordensis *C. Sathish Kumar* in *Blumea*, 34(1): 105 (1989)—India.
crassifolia (*Thw. ex Trimen*) *C. Sathish Kumar* in *Blumea*, 34(1): 108 (1989): *Bulbophyllum crassifolium*.

TRIBONANTHES (Haemodorac.).

purpurea *T.D. Macfarlane & S.D. Hopper* in *Fl. Australia*, 45: 465, 134 (1987)—Australia (W. Australia).

TRIBULUS (Zygophyllac.).

bimucronatus
subsp. inermis (*Kralik*) *H. Hosni ex M.N. El Hadidi* in *Fl. Trop. E. Afr., Zygophyllac.*: 3 (1985): *T. inermis*.
pentandrus
var. micropteris (*Kralik*) *H. Hosni ex M.N. El Hadidi* in *Fl. Trop. E. Afr., Zygophyllac.*: 3 (1985): *T. alatus* *var. micropteris*.
subramanyamii *P. Singh, G.S. Giri & V. Singh* in *Bull. Bot. Surv. India*, 25(1-4): 197 (1983 publ. 1985)—India.
zeyheri
subsp. macranthus (*Hassk.*) *M.N. El Hadidi* in *Fl. Trop. E. Afr., Zygophyllac.*: 7 (1985): *T. macranthus*.

TRICALYSIA (Rubiace.).

sect. Rosea (*Klotzsch*) *E. Robbrecht* in *Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 180 (1987): gen. *Rosea*.
amplexicaulis *E. Robbrecht* in *Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 156 (1987)—Cameroun.
bagshawei
subsp. malaissei *E. Robbrecht* in *Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 140 (1987)—Zaire, Zambia.
bridsoniana *E. Robbrecht* in *Bull. Jard. Bot. Nation. Belg.*, 56(1-2): 146 (1986)—Kenya.
var. pandensis *E. Robbrecht* in *Bull. Jard. Bot. Nation. Belg.*, 56(1-2): 147 (1986)—Tanzania.
capensis
var. galpinii (*Schinz*) *E. Robbrecht* in *Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 187 (1987): *T. galpinii*.
var. transvaalensis *E. Robbrecht* in *Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 186 (1987)—South Africa (Transvaal), Swaziland.
coriacea
subsp. angustifolia (*Garcia*) *E. Robbrecht* in *Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 87 (1987): *T. nyassae* *var. angustifolia*.
fangana (*N. Hallé*) *E. Robbrecht* in *Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 126 (1987): *T. biafrana* *var. fangana*.

TRICALYSIA :-

- griseiflora*
var. barotseana E. Robbrecht in *Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 169 (1987)—Zambia, Zaïre, Angola.
var. benguelensis (Welw. ex Hiern) E. Robbrecht in *Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 168 (1987): T. benguelensis.
jasminiflora
var. kirkii (Hiern) E. Robbrecht in *Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 202 (1987): T. kirkii.
lasiodelphys
subsp. anomalura (N. Hallé) E. Robbrecht in *Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 75 (1987): T. anomalura.
niamniamentis
var. djurensis (Schweinf. ex Hiern) E. Robbrecht in *Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 173 (1987): T. djurensis.
var. nodosa E. Robbrecht in *Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 174 (1987)—Zimbabwe, Malawi, Zambia, Uganda, Zaïre.
obanensis
subsp. kwangoensis E. Robbrecht in *Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 98 (1987)—Zaïre, Angola.
pedicellata E. Robbrecht in *Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 194 (1987)—Tanzania.
pedunculosa (N. Hallé) E. Robbrecht in *Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 105 (1987): T. soyauxii
var. pedunculosa.
var. pilosula (N. Hallé) E. Robbrecht in *Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 106 (1987): T. soyauxii
var. pilosula.
var. walkeriana (N. Hallé) E. Robbrecht in *Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 106 (1987): T. soyauxii
var. walkeriana.
repens E. Robbrecht in *Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 152 (1987)—Zambia, Zaïre, Angola.
schliebenii E. Robbrecht in *Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 196 (1987)—Tanzania.
somaliensis E. Robbrecht in *Bull. Jard. Bot. Nation. Belg.*, 56(1-2): 149 (1986)—Somali Republic.
sylvae E. Robbrecht in *Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 154 (1987)—Cameroun, Gabon.
vadensis E. Robbrecht in *Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 78 (1987)—Cameroun.
velutina E. Robbrecht in *Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 179 (1987)—Tanzania.
yangambiensis (N. Hallé) E. Robbrecht in *Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 110 (1987): T. soyauxii
var. yangambiensis.
zambesiaca E. Robbrecht in *Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 141 (1987)—Zambia.

TRICHANTHEMIS (Compos.).

- afghanica* D. Podlech in *Fl. Iran.*, 158: 155 (1986)—Afghanistan.

TRICHANTHIDIUM (Compos.).

- baracchianum* (Ewart & J. White) P.S. Short in *Muelleria*, 7(2): 222 (1990): Gneposis baracchiana.
exilis (W.V. Fitzg.) P.S. Short in *Muelleria*, 7(2): 221 (1990): Gneposis exilis.
scarlettianum P.S. Short in *Muelleria*, 7(2): 219 (1990)—Australia (W. Australia).

TRICHILIA (Meliac.).

- lovetii* M. Cheek in *Kew Bull.*, 44(3): 457 (1989)—Tanzania.

TRICHOCAULON (Asclepiadac.).

- felinum* D.T. Cole in *Aloe*, 22(1): 6 (1985)—South Africa (Cape Province).

TRICHOCEREUS (Cactac.).

- arboricola* M. Kimmach in *Cact. Succ. J. (U.S.A.)*, 62(1): 4 (1990)—Bolivia, Argentina.

TRICHOCEROS (Orchidac.).

- bennettii* C.H. Dodson & Escobar in *Ic. Pl. Trop.*, Ser. 2, 2: t. 195 (1989)—Peru.

TRICHOCLINE (Compos.).

- beckerae* H. Robinson in *Phytologia*, 65(1): 47 (1988), as 'beckeri'—Peru.

TRICHODESMA (Boraginac.).

- afghanicum* F. Sadat in *Mitt. Bot. Staatssamml. München*, 28: 178 (1989)—Afghanistan.
incanum
f. glabrescens A.P. Chukavina in *Fl. Tadzhikskoi SSR*, 7: 525 (1984)—U.S.S.R. (Middle Asia).
paktiense F. Sadat in *Mitt. Bot. Staatssamml. München*, 28: 183 (1989)—Afghanistan.
podlechii F. Sadat in *Mitt. Bot. Staatssamml. München*, 28: 170 (1989)—Afghanistan.

TRICHODIUM (Gramin.).

- capillaris* (L.) A.W. Roth, *Novae Plantarum Species*: 41 (1821): *Agrostis capillaris*.

TRICHOGLOTTIS (Orchidac.).

- crociaria* G. Seidenfaden in *Op. Bot.*, 95: 80 (1988)—Thailand.
gibbosicalcar (Seid.) K. Senghas in *Schlechter Orchideen*, 1(21): 1315 (1988): *Staurochilus gibbosicalcar*.
ramosa (Lindl.) K. Senghas in *Schlechter Orchideen*, 1(21): 1315 (1988): *Saccolabium ramosum*.
seidenfadenii L.V. Aver'yanov in *Bot. Zhurn.*, 73(3): 429 (1988)—Vietnam, Thailand.
tomentosa G. Seidenfaden in *Op. Bot.*, 95: 82 (1988)—Thailand, Vietnam.

TRICHOILAENA (Gramin.).

- capensis*
subsp. arenaria (Nees) G. Zizka, *Revis. Melinideae Hitchcock*: 75 (1987), ineffective publ.; in *Biblioth. Bot.*, 138: 49 (1988): T. arenaria.
teneriffae
subsp. eichingeri (Mez) G. Zizka, *Revis. Melinideae Hitchcock*: 69 (1987), ineffective publ.; in *Biblioth. Bot.*, 138: 46 (1988): *Melinis eichingeri*.

TRICHOLASER (Umbellif.).

- cachemicum* (C.B. Clarke) R. Alava in *Fl. Iran.*, 162: 491 (1987): *Heracleum cachemicum*.

TRICHOPUS (Trichopodac.).

- zeylanicus*
subsp. angustifolius (Lindley) V.V. Sivaranjan, P. Pushpangadan & P.K. Ratheesh Kumar in *Kew Bull.*, 45(2): 357 (1990): *Trichopodium angustifolium*.

TRICHOPYRUM A. Löve in *Veröff. Geobot. Inst. Rübel*, 87: 49 (1986). GRAMINEAE.

- intermedium* (Host) A. Löve in *Veröff. Geobot. Inst. Rübel*, 87: 49 (1986): *Triticum intermedium*.
subsp. afghanicum (Melderis) A. Löve in *Veröff. Geobot. Inst. Rübel*, 87: 49 (1986), without basionym ref. see Art. 33.3 ICBN 1983: Basionym not stated.
subsp. barbulatorum (Schur) A. Löve in *Taxon*, 35(1): 198 (1986): *Agropyron barbulatorum*.
subsp. epiroticum (Melderis) A. Löve in *Veröff. Geobot. Inst. Rübel*, 87: 49 (1986), without basionym ref. see Art. 33.3 ICBN 1983: Basionym not stated.
subsp. gentryi (Melderis) A. Löve in *Veröff. Geobot. Inst. Rübel*, 87: 49 (1986), without basionym ref. see Art. 33.3 ICBN 1983: Basionym not stated.
subsp. graecum (Melderis) A. Löve in *Veröff. Geobot. Inst. Rübel*, 87: 49 (1986), without basionym ref. see Art. 33.3 ICBN 1983: Basionym not stated.
subsp. podperae (Nabelek) A. Löve in *Veröff. Geobot. Inst. Rübel*, 87: 49 (1986), without basionym ref. see Art. 33.3 ICBN 1983: Basionym not stated.
subsp. pouzolzii (Godron) A. Löve in *Taxon*, 35(1): 198 (1986): *Triticum pouzolzii*,
subsp. pulcherrimum (Grossh.) A. Löve in *Taxon*, 35(1): 198 (1986): *Agropyron pulcherrimum*.
varnense (Velen.) A. Löve in *Veröff. Geobot. Inst. Rübel*, 87: 49 (1986): *Triticum varnense*.

TRICHOSALPINX (Orchidac.).

- sect. Apodae* C.A. Luer, *Ic. Pleurothallid. I-Syst. Pleurothallidinae* (Monogr. Syst. Bot. Missouri Bot. Gard. 15): 66 (1986).
sect. Pseudolepanthes C.A. Luer, *Ic. Pleurothallid. I-Syst. Pleurothallidinae* (Monogr. Syst. Bot. Missouri Bot. Gard. 15): 68 (1986).

TRICHOSALPINX :-

- subgen. Tubella* C.A. Luer, *Ic. Pleurothallid. I-Syst. Pleurothallidinae* (Monogr. Syst. Bot. Missouri Bot. Gard. 15): 66 (1986).
sect. Tubellae C.A. Luer, *Ic. Pleurothallid. I-Syst. Pleurothallidinae* (Monogr. Syst. Bot. Missouri Bot. Gard. 15): 68 (1986).
drosoides G. Carnevali F.C. & I. Ramírez de Carnevali in *Ernstia*, 42: 1 (1987)—Venezuela.
farrago C.A. Luer & A.C. Hirtz in *Orchidee*, 37(3): 141 (1986)—Ecuador.
greenwoodiana M.A. Soto Arenas in *Orquídea* (México), 10(2): 257 (1987)—Mexico, Salvador.
microlepanthes (Griseb.) C.A. Luer, *Ic. Pleurothallid. I-Syst. Pleurothallidinae* (Monogr. Syst. Bot. Missouri Bot. Gard. 15): 68 (1986): *Pleurothallis microlepanthes*.
nageliana M.A. Soto Arenas in *Orquídea* (México), 10(2): 259 (1987)—Mexico.
spathuliglossa (Hoehne) C.A. Luer, *Ic. Pleurothallid. III - Syst. Pleurothallis* (Monogr. Syst. Bot. Missouri Bot. Gard. 20): 16 (1986): *Pleurothallis spathuliglossa*.
tamayoana M.A. Soto Arenas in *Orquídea* (México), 10(2): 264 (1987)—Mexico.

TRICHOSANTHES (Cucurbitac.).

- cucumerina*
subsp. anguina (L.) I. Grebensčikov in R. Mansfeld, *Verz. Landwirtsch. u. Gartn. Kulturpfl., Auf. 2, ed. J. Schultze-Motel*, 2: 928 (1986): *Trichosanthes anguina*.
dafangensis N.G. Ye & S.J. Li in *Acta Phytotax. Sin.*, 26(6): 465 (1988), without type; et in *Acta Phytotax. Sin.*, 27(2): 153 (1989), with type—China.
rosthornii
var. multicirrata (C.Y. Cheng & Yueh) S.K. Chen in *Fl. Reipubl. Popul. Sin.*, 73(1): 244 (1986): T. multicirrata.
var. scabrella (Yueh & D.F. Gao) S.K. Chen in *Fl. Reipubl. Popul. Sin.*, 73(1): 244 (1986): T. scabrella.

TRICHOSTEPHANUS (Flacourtiac.).

- gabonensis* F.J. Breteler in *Bull. Jard. Bot. Nation. Belg.*, 60(1-2): 143 (1990)—Gabon.

TRICLICERAS (Turnerac.).

- xylorhizum* B. Verdcourt in *Kew Bull.*, 45(2): 277 (1990)—Kenya.

TRICORYNE (Anthericac.).

- anceps*
subsp. pterocaulon (Baker) A. Thongpukdee in *Fl. Australia*, 45: 496 (1987): T. pterocaulon.
corynothecoides G.J. Keighery in *Willdenowia*, 15(2): 473 (1986)—Australia (W. Australia).

TRICYRTIS (Convallariac.).

- esquirolii* (Lév.) H. Hara in H. Ohba & S.B. Malla, *Himalayan Pl.*, 1 (Univ. Mus. Univ. Tokyo Bull., 31): 206 (1988): *Disporum esquirolii*.
formosana
var. grandiflora S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 3: 619 (1988)—Taiwan.

TRIDACTYLE (Orchidac.).

- bicaudata*
subsp. rupestris H.P. Linder in *Kew Bull.*, 44(2): 318 (1989)—South Africa (Cape Province, Natal).
flabellata P.J. Cribb in *Fl. Trop. E. Afr., Orchidac. (Part 3)*: 617 (1989)—Tanzania.
laurentii
var. kabarensis D. Geerinck in *Bull. Jard. Bot. Nation. Belg.*, 60(1-2): 190 (1990)—Zaïre.
minuta P.J. Cribb in *Fl. Trop. E. Afr., Orchidac. (Part 3)*: 612 (1989)—Tanzania.
vanderlaaniana D. Geerinck in *Bull. Jard. Bot. Nation. Belg.*, 60(1-2): 190 (1990)—Zaïre.
virginea P.J. Cribb & la Croix in *Fl. Trop. E. Afr., Orchidac. (Part 3)*: 614 (1989)—Malawi, Tanzania.

TRIDAX (Compos.).

- hintonii* (Turner & Powell) D.J. Keil, M.A. Luckow & D.J. Pinkava in *Madroño*, 34(4): 357 (1987 publ. 1988): *Cymophora hintonii*.

- TRIDAX** :-
oaxacana B.L. Turner in *Phytologia*, 65(2): 139 (1988)—Mexico.
- TRIDENS** (Gramin.).
nicorae A.M. Anton in *Kurtziana*, 10: 51 (1977)—Argentina.
- TRIEENEA** O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 489 (1988 publ. 1989).
- SCROPHULARIACEAE**.
- elsiae O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 489 (1988 publ. 1989)—South Africa (Cape Province).
frigida O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 489 (1988 publ. 1989)—South Africa (Cape Province).
glutinosa (Schltr.) O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 489 (1988 publ. 1989); *Phyllopodium glutinosum*.
lanciloba O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 489 (1988 publ. 1989)—South Africa (Cape Province).
lasiocephala O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 490 (1988 publ. 1989)—South Africa (Cape Province).
laxiflora O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 490 (1988 publ. 1989)—South Africa (Cape Province).
longipedicellata O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 490 (1988 publ. 1989)—South Africa (Cape Province).
schlechteri (Hiern) O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 490 (1988 publ. 1989); *Phyllopodium schlechteri*.
taylorii O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 491 (1988 publ. 1989)—South Africa (Cape Province).
- TRIFOLIUM** (Legumin.).
ser. Agraria (Bobrov ex Hendrych) R. Hendrych in *Preslia*, 60(3): 229 (1988); *Chrysaspis* ser. Agrariae.
ser. Billardieria (Hendrych) R. Hendrych in *Preslia*, 60(3): 228 (1988); *Chrysaspis* ser. Billardieriae.
ser. Sebastiania (Bobrov ex Hendrych) R. Hendrych in *Preslia*, 60(3): 228 (1988); *Chrysaspis* ser. Sebastianiae.
andinum
var. podocephalum R.C. Barneby in A. Cronquist et al., *Intermountain Fl., Vasc. Pl. Intermountain West, U.S.A.*, 3B: 217 (1989)—U.S.A. (Nevada).
banaticum (Heuffel) J. Májovský in *Acta Fac. Rerum Nat. Univ. Comen., Bot.*, 35: 6 (1988); T. medium var. banaticum.
campestre C.C. Gmel., *Hort. Mag. Duc. Bad. Carlsruh.*: 270 (1811); cf. D.J. Mabberley in *Taxon*, 33(3): 440 (1984)—Locality not stated.
creticum (L.) G.F. Hoffm., *Hort. Mosq.*: 39 (1808); cf. D.J. Mabberley in *Taxon*, 31(1): 72 (1982); Basionym not stated.
egressicum A.D. Mikheev & A.Yu. Magulaev in *Bot. Zhurn.*, 72(9): 1257 (1987)—U.S.S.R. (Caucasus).
gordeievii (Kom.) E. Small in *Taxon*, 36(3): 580 (1987); *Medicago gordeievi*.
gordeievii (Kom.) N.S. Pavlova in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 4: 330 (1989); *Medicago gordeievii*.
italicum (L.) G.F. Hoffm., *Hort. Mosq.*: 39 (1808); cf. D.J. Mabberley in *Taxon*, 31(1): 72 (1982); Basionym not stated.
lenkoranicum (Grossh.) Yu.R. Roskov in *Bot. Zhurn.*, 75(5): 719 (1990); T. pratense var. lenkoranicum.
macilentum
var. dedeckerae (J.M. Gillett) R.C. Barneby in A. Cronquist et al., *Intermountain Fl., Vasc. Pl. Intermountain West, U.S.A.*, 3B: 224 (1989); T. dedeckerae.
var. rollinsii (J.M. Gillett) R.C. Barneby in A. Cronquist et al., *Intermountain Fl., Vasc. Pl. Intermountain West, U.S.A.*, 3B: 224 (1989); T. rollinsii.
pannonicum
var. moldavicum A.T. Szabó in *Not. Bot. Horti Agrobot. Cluj-Napoca*, 17: 61 (1987)—U.S.S.R. (Moldavia).
piligerum (J. Rohlena) A.W. Hill in *Index Kewensis*, Supp. 6: 212 (1916–1920 publ. 1926); T. pignantiif. piligerum.
- TRIFOLIUM** :-
pratense
var. evariegatum M.Y. Liu & F.C. Wang in *J. Wuhan Bot. Res.*, 7(4): 324 (1989)—China.
var. variegatum M.Y. Liu & F.C. Wang in *J. Wuhan Bot. Res.*, 7(4): 324 (1989)—China.
wormskioldii
var. arizonicum (Greene) R.C. Barneby in A. Cronquist et al., *Intermountain Fl., Vasc. Pl. Intermountain West, U.S.A.*, 3B: 228 (1989); T. arizonicum.
wormskioldii
var. ortegae (Greene) R.C. Barneby in A. Cronquist et al., *Intermountain Fl., Vasc. Pl. Intermountain West, U.S.A.*, 3B: 228 (1989); T. ortegae.
xanthinoides (J. Rohlena) A.W. Hill in *Index Kewensis*, Supp. 6: 212 (1916–1920 publ. 1926); T. stellatum f. xanthinoides.
- ×**TRIGOLYCA** hort. in *Orchid Rev.*, 96(1134): centre page pull-out p. 9 (1988). **ORCHIDACEAE**. (Mormolyca × Trigonidium).
- TRIGONACHRAS** (Sapindac.).
celebensis P.W. Leenhouts in *Blumea*, 33(1): 211 (1988)—Celebes.
papuensis P.W. Leenhouts in *Blumea*, 33(1): 212 (1988)—New Guinea (Papua New Guinea), Louisiade Archipelago.
- TRIGONELLA** (Legumin.).
sect. Lopholobus (Boiss.) P. Lassen in *Willdenowia*, 16(2): 447 (1987); *Melilotus* sect. Lopholobus.
bicolor (Boiss. & Balansa) P. Lassen in *Willdenowia*, 16(2): 446 (1987); *Melilotus* bicolor.
brachycarpa (Fisch.) Moris, *Enum. Sem. Hort. Reg. Bot. Taur.*, 1831; *Flora 15 Lit.*, 2: 80 (1832); cf. D.J. Mabberley in *Taxon*, 33(3): 443 (1984); Basionym not stated.
caerulea
subsp. procumbens (Bess.) I.T. Vasil'chenko in *Fl. Evropejskoj Chasti SSSR*, 6: 186 (1987); *Melilotus procumbens*.
glabra
subsp. uncata (Boiss. & Noë) P. Lassen in *Willdenowia*, 16(2): 447 (1987); T. uncata.
- TRIGONIA** (Trigoniac.).
brasiliensis Jacob-Makoy, *Cat. Prix Cour. 1837*: 10 (1837); cf. D.J. Mabberley in *Taxon*, 34(3): 456 (1985)—Locality not stated.
- TRIGONIODENDRON** E.F. Guimarães & J.R. Miguel in *Rev. Brasil. Biol.*, 47(4): 559 (1987).
- TRIGONIACEAE**.
spiritusancense E.F. Guimarães & J.R. Miguel in *Rev. Brasil. Biol.*, 47(4): 559 (1987)—Brazil.
- TRIGONOCAPNOS** (Papaverac.).
lichtensteinii (Cham. & Schlecht.) M. Lidén in *Op. Bot.*, 88: 105 (1986); *Fumaria lichtensteinii*.
- TRIGONOSCIADIUM** (Umbellif.).
brachytaenium (Boiss.) R. Alava in *Fl. Iran.*, 162: 513 (1987); *Malabaila brachytaenia*.
lasiocarpum (Boiss.) R. Alava in *Fl. Iran.*, 162: 514 (1987); *Malabaila lasiocarpa*.
- TRIGONOSPERMUM** (Compos.).
stevensii S.D. Sundberg & T.F. Stuessy in *Ann. Missouri Bot. Gard.*, 77(2): 418 (1990)—Nicaragua, Guatemala.
- TRIGONOSTEMON** (Euphorbiac.).
chinensis
f. fungii (Merr.) Y.T. Chang in *Acta Phytotax. Sin.*, 27(2): 149 (1989); T. fungii.
filipes Y.T. Chang & X.L. Mo in *Acta Phytotax. Sin.*, 27(2): 149 (1989)—China.
- TRIGONOTIS** (Boraginac.).
chengkouensis W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(3): 81 (1986)—China.
corispermoides
var. sessilis W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(3): 81 (1986)—China.
- TRIGONOTIS** :-
laxa
var. xichouensis (H. Chuang) C.J. Wang in *Fl. Reipubl. Popul. Sin.*, 64(2): 97 (1989); T. xichouensis.
leucantha W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(3): 87 (1986)—China.
longipes W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(3): 85 (1986)—China.
longiramosa W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(3): 83 (1986)—China.
muliensis W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(3): 84 (1986)—China.
peduncularis
var. amblyosepala (Nakai & Kitag.) W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(3): 90 (1986); T. amblyosepala.
var. macrantha W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(3): 89 (1986)—China, Xizang.
- TRIKERAIA** (Gramin.).
oreophila T.A. Cope in *Kew Bull.*, 42(2): 350 (1987)—Bhutan, Xizang.
pappiformis (Keng) P.C. Kuo & S.L. Lu in *Fl. Xizangica*, 5: 261 (1987), without basionym ref.: *Stipa pappiformis*.
pappiformis (Keng) P.C. Kuo & S.L. Lu ex J.L. Yang in *Fl. Sichuanica*, 5(2): 197 (1988); *Stipa pappiformis*.
- TRILLIUM** (Trilliace.).
recurvatum
f. esepalum J.D. Freeman & T.E. Heineke in *Rhodora*, 89(857): 17 (1987)—U.S.A. (Tennessee).
taiwanense S.S. Ying in *J. Jap. Bot.*, 64(5): 154 (1989)—Taiwan.
- TRIMENIA** (Trimeniac.).
macrura (Gilg & Schltr.) W.R. Philipson in *Fl. Males.*, 10(2): 332 (1986); *Piptocalyx macrurus*.
moorei (Oliv.) W.R. Philipson in *Fl. Males.*, 10(2): 330 (1986); *Piptocalyx moorei*.
- TRIMEZIA** (Iridac.).
sect. Calolirion P. Ravenna in *Onira, Bot. Leaflet*, 1(1): 15 (1988).
sect. Juncella P. Ravenna in *Onira, Bot. Leaflet*, 1(1): 15 (1988).
sect. Neomarica (Sprag.) P. Ravenna in *Onira, Bot. Leaflet*, 1(1): 14 (1988), without basionym page: gen. Neomarica.
sect. Platyella P. Ravenna in *Onira, Bot. Leaflet*, 1(1): 15 (1988).
bauensis P. Ravenna in *Onira, Bot. Leaflet*, 1(1): 9 (1988)—Brazil.
bicolor P. Ravenna in *Onira, Bot. Leaflet*, 1(1): 5 (1988)—Brazil.
caerulea
subsp. eximia P. Ravenna in *Onira, Bot. Leaflet*, 1(1): 13 (1988)—Brazil.
subsp. rigida P. Ravenna in *Onira, Bot. Leaflet*, 1(1): 13 (1988)—Brazil.
caeteana P. Ravenna in *Onira, Bot. Leaflet*, 1(1): 7 (1988)—Brazil.
capitellata P. Ravenna in *Onira, Bot. Leaflet*, 1(1): 2 (1988)—Brazil.
conciinna P. Ravenna in *Onira, Bot. Leaflet*, 1(1): 6 (1988)—Brazil.
cristaliensis P. Ravenna in *Onira, Bot. Leaflet*, 1(1): 1 (1988)—Brazil.
fibrosa P. Ravenna in *Onira, Bot. Leaflet*, 1(1): 5 (1988)—Brazil.
fluminensis P. Ravenna in *Onira, Bot. Leaflet*, 1(1): 10 (1988)—Brazil.
itamarajuensis P. Ravenna in *Onira, Bot. Leaflet*, 1(1): 3 (1988)—Brazil.
juncifolia
subsp. aurantiaca P. Ravenna in *Onira, Bot. Leaflet*, 1(1): 12 (1988)—Brazil.
subsp. crystallicola P. Ravenna in *Onira, Bot. Leaflet*, 1(1): 11 (1988)—Brazil.
subsp. diamantinensis P. Ravenna in *Onira, Bot. Leaflet*, 1(1): 11 (1988)—Brazil.
subsp. parviflora P. Ravenna in *Onira, Bot. Leaflet*, 1(1): 12 (1988)—Brazil.

TRIMEZIA :-

- subsp. speciosa* P. Ravenna in *Onira, Bot. Leaflet*, 1(1): 10 (1988)—Brazil.
nitida P. Ravenna in *Onira, Bot. Leaflet*, 1(1): 8 (1988)—Brazil.
paradoxa P. Ravenna in *Onira, Bot. Leaflet*, 1(1): 4 (1988)—Brazil.
portosecurensis P. Ravenna in *Onira, Bot. Leaflet*, 1(1): 7 (1988)—Brazil.
rotundata P. Ravenna in *Onira, Bot. Leaflet*, 1(1): 2 (1988)—Brazil.

TRIMORPHA (Compos.).

- acris*
var. asteroides (Andrz. ex Besser) G.L. Nesom in *Phytologia*, 67(1): 64 (1989): *Erigeron asteroides*.
var. debilis (A. Gray) G.L. Nesom in *Phytologia*, 67(1): 64 (1989): *Erigeron acris* var. *debilis*.
var. kamtschatica (DC.) G.L. Nesom in *Phytologia*, 67(1): 64 (1989): *Erigeron kamtschaticus*.
elata (Hook.) G.L. Nesom in *Phytologia*, 67(1): 64 (1989): *Erigeron alpinus* γ *elatus*.
lonchophylla (Hook.) G.L. Nesom in *Phytologia*, 67(1): 64 (1989): *Erigeron lonchophyllus*.
scotteri (B. Boivin) G.L. Nesom in *Phytologia*, 67(1): 64 (1989): *Erigeron scotteri*.

TRINIA (Umbellif.).

- glauca*
subsp. pindica P. Hartvig in A. Strid (ed.), *Mount. Fl. Greece*, 1: 694 (1986)—Greece, Albania.

TRIPHORA (Orchidac.).

- miserrima* (Cogn.) J. Acuña Galé, *Cat. Descr. Orquideas Cubanas* (Bol. Estac. Exper. Agron. Santiago de la Vega, 60): 18 (1938 publ. 1939), as 'Thiphora miserrima': *Pogonia miserrima*.

TRIPPLARIS (Polygonac.).

- mato-grossensis* J. Brandbyge in *Nordic J. Bot.*, 10(2): 158 (1990)—Brazil.
melaenodendron
subsp. colombiana (Meisner) J. Brandbyge in *Nordic J. Bot.*, 6(5): 566 (1986): *T. colombiana*.
setosa
var. woytkowskii J. Brandbyge in *Nordic J. Bot.*, 6(5): 561 (1986)—Peru.

TRIPLEUROSPERMUM (Compos.).

- anchialense* M. Král in *Preslia*, 62(1): 41 (1990)—Bulgaria.
caucasicum
var. melanolepis (Boiss. & Buhse) D. Podlech in *Fl. Iran.*, 158: 75 (1986): *Chamaemelum melanolepis*.
perforatum (Mérat) G. Wagenitz in G. Hegi, *Illustr. Fl. Mitteleur.*, ed. 2, 6(4): 1356 (1987): *Matricaria perforata*.
philaenorum (Maire & Weiller) S.A. Alavi in *Fl. Libya*, 107: 148 (1983): *Heteromera philaenorum*.

<TRIPLEUROTHEMIS C.A. Stace in *Watsonia*,

- 18(2): 212 (1990). **COMPOSITAE**. (*Anthemis* × *Tripleurospermum*).
maleolens (P. Fourm.) C.A. Stace in *Watsonia*, 18(2): 212 (1990): × *Anthemimatricaria maleolens*.

TRIPODION (Legumin.).

- graecum* (Boiss.) P. Lassen in *Willdenowia*, 16(1): 114 (1986): *Hammatolobium graecum*.
kremerianum (Cosson) P. Lassen in *Willdenowia*, 16(1): 114 (1986): *Ludovicica kremeriana*.

TRIPOGON (Gramin.).

- anantawamianus* P.V. Sree Kumar, V.J. Nair & N.C. Nair in *Bull. Bot. Surv. India*, 25(1-4): 185 (1983 publ. 1985)—India.
chinensis
subsp. corensis (Harkel) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 532 (1987): *T. chinensis* var. *corensis*.
longearistatus
subsp. japonicus (Honda) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 532 (1987): *T. longearistatus* var. *japonicus*.

TRIPTEROSPERMUM (Gentianac.).

- sect. Capsulifera* J. Murata in *J. Fac. Sci. Univ. Tokyo, Bot.*, 14(4): 286 (1989).
alutaceofolium (T.S. Liu & C.C. Kuo) J. Murata in *J. Fac. Sci. Univ. Tokyo, Bot.*, 14(4): 301 (1989): *T. taiwanense* var. *alutaceofolium*.
australe J. Murata in *J. Fac. Sci. Univ. Tokyo, Bot.*, 14(4): 300 (1989)—China, Vietnam.
cordifolioides J. Murata in *J. Fac. Sci. Univ. Tokyo, Bot.*, 14(4): 299 (1989)—China.
distylum J. Murata & T. Yahara in *Acta Phytotax. Geobot.*, 36(4-6): 162 (1985)—Japan.
involutum N. Yonezawa in *J. Phytogeogr. Taxon.*, 36(1): 9 (1988)—Japan.
luteoviride (C.B. Clarke) J. Murata in *J. Fac. Sci. Univ. Tokyo, Bot.*, 14(4): 303 (1989): *Crawfordia luteoviridis*.
luzonense (Vidal) J. Murata in *J. Fac. Sci. Univ. Tokyo, Bot.*, 14(4): 305 (1989): *Crawfordia luzonensis*.
sumatranum J. Murata in *J. Fac. Sci. Univ. Tokyo, Bot.*, 14(4): 298 (1989)—Sumatra.

TRISETELLA (Orchidac.).

- subsect. Calvicaulis* C.A. Luer, *Ic. Pleurothallid. VI* (*Monogr. Syst. Bot. Missouri Bot. Gard.* 31): 72 (1989).
sect. Fissura C.A. Luer, *Ic. Pleurothallid. VI* (*Monogr. Syst. Bot. Missouri Bot. Gard.* 31): 71 (1989).
andreettae C.A. Luer in *Lindleyana*, 1(3): 186 (1986)—Ecuador.
cordeliae C.A. Luer, *Ic. Pleurothallid. VI* (*Monogr. Syst. Bot. Missouri Bot. Gard.* 31): 80 (1989)—Peru.
escobarii C.A. Luer in *Lindleyana*, 1(3): 188 (1986)—Colombia.
fissidens C.A. Luer & Hirtz in C.A. Luer, *Ic. Pleurothallid. VI* (*Monogr. Syst. Bot. Missouri Bot. Gard.* 31): 88 (1989)—Ecuador.
hirtzii C.A. Luer in *Lindleyana*, 1(3): 190 (1986)—Ecuador.
hoeijeri C.A. Luer & Hirtz in *Lindleyana*, 1(3): 192 (1986)—Ecuador.
nodulifera C.A. Luer & Hirtz in C.A. Luer, *Ic. Pleurothallid. VI* (*Monogr. Syst. Bot. Missouri Bot. Gard.* 31): 96 (1989)—Ecuador, Peru.
sororia C.A. Luer & Andreetta in C.A. Luer, *Ic. Pleurothallid. VI* (*Monogr. Syst. Bot. Missouri Bot. Gard.* 31): 104 (1989)—Ecuador.
strumosa C.A. Luer & Andreetta in C.A. Luer, *Ic. Pleurothallid. VI* (*Monogr. Syst. Bot. Missouri Bot. Gard.* 31): 106 (1989)—Ecuador.

TRISETUM (Gramin.).

- ambiguum* Z.E. Rugolo de Agrasar & E.G. Nicora in *Bol. Soc. Argent. Bot.*, 25(3-4): 468 (1988)—Argentina.
bifidum
subsp. sibiricum (Ruprecht) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 533 (1987): *T. sibiricum*.
debile J. Chrtek in *Folia Geobot. Phytotax.*, 25(3): 334 (1990)—China.
flavescens
subsp. baregense (Laffitte & Miég. ex Miég.) O. de Bolòs, R.M. Masalles & J. Vigo in *Collect. Bot.*, 17(1): 96 (1987 publ. 1988): *T. baregense*.
kochianum I. Hernández Torres in *Phytologia*, 61(7): 454 (1987), nom. nov.: *Deschampsia pringlei Scribn.*
lautum J. Chrtek in *Folia Geobot. Phytotax.*, 25(3): 333 (1990)—China.
longifolium Nees, *Ind. Sem. Hort. Bot. Vratislav.*, 1835; *Linnaea* 11, *Lit.*: 131 (1837); cf. D.J. Maberley in *Taxon*, 32(1): 86 (1983)—Locality not stated.
tibeticum P.C. Kuo & Z.L. Wu in *Fl. Xizangica*, 5: 188 (1987)—Xizang.
yunnanense J. Chrtek in *Folia Geobot. Phytotax.*, 25(3): 335 (1990)—China.

TRISTEMMA (Melastomatac.).

- vestitum* H. Jacques-Félix in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 8(2): 191 (1986)—Gabon.

TRISTERIX (Loranthac.).

- subgen. Metastachys* (Benth) J. Kuijt, *Revis. Tristerix (Loranthac.)* (*Syst. Bot. Monog.*, 19): 25 (1988): *Loranthus* subsect. *Metastachys*.
chodatianus (Patschovsky) J. Kuijt, *Revis. Tristerix (Loranthac.)* (*Syst. Bot. Monog.*, 19): 25 (1988): *Phrygilanthus chodatianus*.
corymbosus (L.) J. Kuijt, *Revis. Tristerix (Loranthac.)* (*Syst. Bot. Monog.*, 19): 20 (1988): *Lonicera corymbosa*.
penduliflorus J. Kuijt, *Revis. Tristerix (Loranthac.)* (*Syst. Bot. Monog.*, 19): 49 (1988)—Bolivia, Peru.
peruvianus (Patschovsky) J. Kuijt, *Revis. Tristerix (Loranthac.)* (*Syst. Bot. Monog.*, 19): 40 (1988): *Phrygilanthus peruvianus*.
peytonii J. Kuijt, *Revis. Tristerix (Loranthac.)* (*Syst. Bot. Monog.*, 19): 28 (1988)—Peru.
pubescens J. Kuijt, *Revis. Tristerix (Loranthac.)* (*Syst. Bot. Monog.*, 19): 36 (1988)—Peru.
secundus (Benth) J. Kuijt, *Revis. Tristerix (Loranthac.)* (*Syst. Bot. Monog.*, 19): 42 (1988): *Loranthus secundus*.

TRISTICHA (Podostemac.).

- australis* C. Cusset & G. Cusset in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 10(2): 171 (1988)—Australia.
trifaria
subsp. pulchella (Weddell) C. Cusset & G. Cusset in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 10(2): 171 (1988): *T. hypnoides* var. β *pulchella*.
subsp. tlatlayana (Matuda) C. Cusset & G. Cusset in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 10(2): 171 (1988): *T. tlatlayana*.

×TRITICOSECALE Wittmack ex A. Camus in *Bull. Mus. Nation. Hist. Nat. Paris*, 33: 539 (1927); cf. C.A. Stace in *Taxon*, 36: 447 (1987). **GRAMINEAE**. (Secale × Triticum).**TRITICUM** (Gramin.).

- aestivum*
var. ramosoalborubrum R.A. Udachin & M.V. Novikova in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 127: 147 (1989)—Cultivation.
var. ramosomitrum R.A. Udachin & M.V. Novikova in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 127: 147 (1989)—Cultivation.
var. uralicum L.V. Semenova in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 117: 127 (1988)—Cultivation.
var. vavilovianum R.A. Udachin & I. Sh. Shakhmedov in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 117: 129 (1988)—Cultivation.
var. vigorovii L.V. Semenova in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 117: 127 (1988)—Cultivation.
durum
var. sphaeroaffine P. Popov & I. Stankov in *Dokl. Bolg. Akad. Nauk*, 34(12): 1699 (1981), without type—Cultivation.
var. sphaeroafricanum P. Popov & I. Stankov in *Dokl. Bolg. Akad. Nauk*, 34(12): 1670 (1981), without type—Cultivation.
var. sphaeroleucum P. Popov & I. Stankov in *Dokl. Bolg. Akad. Nauk*, 34(12): 1699 (1981), without type—Cultivation.
var. sphaeromelanopus P. Popov & I. Stankov in *Dokl. Bolg. Akad. Nauk*, 34(12): 1699 (1981), without type—Cultivation.
phoenicoides (L.) Brotero, *Fl. Lusit.*, 1: 121 (1804): *Festuca phoenicoides*.
ramosum Weigel, *Hort. Gryph.*: 10 (1782); cf. D.J. Maberley in *Taxon*, 33(3): 443 (1984)—Locality not stated.
 × *teres* H.R. Jiang & X.X. Kong in *Acta Bot. Bor.-Occid. Sin.*, 6(3): 206 (1986)—Cultivation. (*T. tauschii* × *urartu*).
turanicum
var. quasintabile R.A. Udachin & S.A. Potokina in *Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 117: 128 (1988)—Cultivation.
vavilovii
var. lorenze S.Kh. Galstyan-Avanesyan in *Biol. Zhurn. Arm.*, 39(6): 522 (1986)—Cultivation.

TRITICUM :-

- var. ramococeruleum* S.Kh. *Galstyan-Avanesyan in Biol. Zhurn. Arm.*, 39(6): 522 (1986)—Cultivation.
- var. ramotumicum* S.Kh. *Galstyan-Avanesyan in Biol. Zhurn. Arm.*, 39(6): 521 (1986)—Cultivation.
- var. sisanicum* S.Kh. *Galstyan-Avanesyan in Biol. Zhurn. Arm.*, 39(6): 521 (1986)—Cultivation.

- ×**TRITIHAYNALDIA** J. Fu & S.Y. Chen in *Acta Bot. Bor.-Occid. Sin.*, 10(1): 67 (1990). GRAMINEAE. (Haynaldia × Triticum).
- hexaploidea J. Fu & S.Y. Chen in *Acta Bot. Bor.-Occid. Sin.*, 10(1): 67 (1990), without latin descr.—Cultivation.
- octoploidea J. Fu & S.Y. Chen in *Acta Bot. Bor.-Occid. Sin.*, 10(1): 68 (1990), without latin descr.—Cultivation.

TRIUMFETTA (Tiliac.).

- malebarica* Koen. ex Rottb., *Pl. Hort. Univ. Rar. Prog.*: 16 (1773); cf. D.J. Mabberley in *Taxon*, 33(3): 439 (1984)—Locality not stated.
- procumbens*
- var. repens* (Bl.) S. Hatusima in *J. Phytogeogr. Taxon.*, 35(2): 65 (1987); Porpa repens.
- trilocularis* Roxb. ex Hornem., *Hort. Hafn., Suppl.*: 140 (1819); cf. D.J. Mabberley in *Taxon*, 33(3): 438 (1984)—Locality not stated.

TRIUNIA (Proteac.).

- erythrocarpa* D.B. Foreman in *Muelleria*, 6(5): 302 (1987)—Australia (Queensland).
- montana* (C. White) D.B. Foreman in *Muelleria*, 6(3-4): 195 (1986); *Helicia youngiana* var. *montana*.
- robusta* (C. White) D.B. Foreman in *Muelleria*, 6(3-4): 196 (1986); *Helicia youngiana* var. *robusta*.

TRIURIS (Triuridac.).

- hexophthalma* P.J.M. Maas in *Fl. Neotrop.*, 40: 50 (1986)—Guyana.

TRIXIS (Compos.).

- anomala* B.L. Turner in *Phytologia*, 68(6): 435 (1990)—Mexico.

TROCHODENDRON (Trochodendrac.).

- aralioides* P.F. Siebold & J.G. Zuccarini, *Fl. Japonica*, 1: 84, t. 39 & 40 (1839)—Japan.†

TROGLOPHYTON (Compos.).

- acocksianum* O.M. Hilliard in *Fl. S. Afr.*, 33(7:2): 42 (1983)—South Africa (Cape Province).
- capillaceum*
- subsp. diffusum* (DC.) O.M. Hilliard in *Fl. S. Afr.*, 33(7:2): 40 (1983); *Helichrysum capillaceum* var. *diffusum*.
- elsiae* O.M. Hilliard in *Fl. S. Afr.*, 33(7:2): 40 (1983)—South Africa (Cape Province).
- leptomerum* O.M. Hilliard in *Fl. S. Afr.*, 33(7:2): 45 (1983)—South Africa (Cape Province).
- tenellum* O.M. Hilliard in *Fl. S. Afr.*, 33(7:2): 44 (1983)—South Africa (Cape Province).

TROLLIUS (Ranunculac.).

- subsect. Acaules* M. Tamura in *Acta Phytotax. Geobot.*, 41(1-3): 97 (1990).
- subsect. Afghanici* M. Tamura in *Acta Phytotax. Geobot.*, 41(1-3): 97 (1990).
- subsect. Laxi* M. Tamura in *Acta Phytotax. Geobot.*, 41(1-3): 97 (1990).
- ser. Macropetalis* M. Tamura in *Acta Phytotax. Geobot.*, 41(1-3): 97 (1990).
- ser. Pumili* M. Tamura in *Acta Phytotax. Geobot.*, 41(1-3): 97 (1990).

TROPHIS (Morac.).

- sect. Echinocarpa* C.C. Berg in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(4): 353 (1988).
- sect. Malaisia* (Blanco) C.C. Berg in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(4): 354 (1988): gen. *Malaisia*.
- sect. Olmedia* (Ruiz & Pavón) C.C. Berg in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(4): 354 (1988): gen. *Olmedia*.

TROPHIS :-

- borbonica* (Duchartre) C.C. Berg in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(4): 355 (1988): *Maillardia borbonica*.
- caucana* (Pittier) C.C. Berg in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(4): 354 (1988): *Olmedia caucana*.
- montana* (Lénadri) C.C. Berg in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(4): 355 (1988): *Maillardia montana*.

- TRUDELIA** L.A. Garay in *Orchid Dig.*, 50(2): 73 (1986). ORCHIDACEAE.
- alpina* (Lindl.) L.A. Garay in *Orchid Dig.*, 50(2): 76 (1986); *Luisia alpina*.
- chlorosantha* L.A. Garay in *Orchid Dig.*, 50(2): 76 (1986)—Bhutan.
- cristata* (Lindl.) K. Senghas in *Schlechter Orchideen*, 1(19-20): 1211 (1988), with incorrect basionym ref.: *Vanda cristata*.
- griffithii* (Lindl.) L.A. Garay in *Orchid Dig.*, 50(2): 76 (1986); *Vanda griffithii*.
- pumila* (Hook. f.) K. Senghas in *Schlechter Orchideen*, 1(19-20): 1211 (1988); *Vanda pumila*.

- ×**TRUDELIANDA** L.A. Garay in *Orchid Dig.*, 50(2): 76 (1986). ORCHIDACEAE. (*Trudelia* × *Vanda*).

TRUPELLUM (Polygonac.).

- sect. Dissitiflora* (Nakai) N.N. Tsvelev in *Novosti Sist. Vyssh. Rast.*, 24: 76 (1987); *Persicaria* sect. *Dissitiflorae*.
- sect. Echinocaulon* (Meissn.) N.N. Tsvelev in *Novosti Sist. Vyssh. Rast.*, 24: 76 (1987); *Polygonum* sect. *Echinocaulon*.
- dissitiflorum* (Hemsley) N.N. Tsvelev in *Novosti Sist. Vyssh. Rast.*, 24: 76 (1987); *Polygonum dissitiflorum*.

TRUKIA (Rubiace.).

- dryadum* (S. Moore) F.R. Fosberg in *Phytologia*, 62(3): 175 (1987); *Gardenia dryadum*.
- fitzalanii* (F. Muell.) F.R. Fosberg in *Phytologia*, 62(3): 175 (1987); *Gardenia fitzalanii*.
- macarthurii* (F. Muell.) F.R. Fosberg in *Phytologia*, 62(3): 176 (1987); *Randia macarthurii*.
- tahitensis* (Nadeaud) F.R. Fosberg in *Phytologia*, 62(3): 174 (1987); *Randia tahitensis*.

- TSIANGIA** P.P.H. But, H.H. Hsue & P.T. Li in *Blumea*, 31(2): 311 (1986). RUBIACEAE.
- hongkongensis* (Seem.) P.P.H. But, H.H. Hsue & P.T. Li in *Blumea*, 31(2): 311 (1986); *Gaertnera hongkongensis*.

TSUGA (Pinac.).

- chinensis*
- var. forrestii* (Downie) J. Silba in *Phytologia*, 68(1): 72 (1990); *T. forrestii*.
- dumosa*
- var. yunnanensis* (Franchet) J. Silba in *Phytologia*, 68(1): 73 (1990); *Abies yunnanensis*.
- mertensiana*
- subsp. grandiconica* A. Farjon in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(1): 39 (1988)—U.S.A. (California, Nevada).

TUBERARIA (Cistac.).

- glomerata* Willk., *Ic. Pl. Hisp.*, 2: 80, t. 117 (1859)—Algeria.†

TUBEROLABIUM (Orchidac.).

- carnosum* G. Seidenfaden in *Op. Bot.*, 95: 327 (1988)—Thailand.
- elobe* (Seidenf.) G. Seidenfaden in *Op. Bot.*, 95: 327 (1988); *Pteroceras elobe*.
- papuanum* (Schltr.) J.J. Wood ex B. Lewis & P. Cribb, *Orchids of Vanuatu*: 150 (1989); *Saccolabium papuanum*.

TULIPA (Liliac.).

- agenensis*
- subsp. sharonensis* (Dinsmore) N. Feinbrun-Dothan, *Fl. Palaestina*, 4: 41 (1986); *T. sharonensis*.
- grey-wilsonii* K.H. Rechinger in *Fl. Iran.*, 165: 87 (1990)—Afghanistan.
- harazensis* K.H. Rechinger in *Fl. Iran.*, 165: 91 (1990)—Iran.

TULIPA :-

- hungarica*
- subsp. undulatifolia* (Roman) N. Roman & A. Beldie in *Fl. Republ. Social. Român.*, 13: 52 (1976); *T. hungarica* var. *undulatifolia*.
- lehmanniana* Mercklin in A. Bunge, *Beitr. Fl. Russl.*: 337 (1852)—U.S.S.R. (Middle Asia).†
- montana*
- var. chrysantha* (Boiss.) Wendelbo ex K.H. Rechinger in *Fl. Iran.*, 165: 90 (1990); *T. chrysantha*.
- oreophila* K.H. Rechinger in *Fl. Iran.*, 165: 86 (1990)—Afghanistan.
- persica* (Lindl.) Sweet, *Hort. Brit.*, ed. 2: 536 (1830); cf. D.J. Mabberley in *Taxon*, 31(1): 72 (1982); *T. oculus-solis* var. *persica*.
- sogdiana* A. Bunge, *Beitr. Fl. Russl.*: 338 (1852)—U.S.S.R. (Middle Asia).†
- subpraestans* A.I. Vvedenskii in *Opred. Rast. Sred. Azii*, 2: 318 (1971), as 'subpraestans' in I.K. Supp. 16 in error—U.S.S.R. (Middle Asia).†

TUPISTRA (Convallariac.).

- heensis* Y. Wan & X.H. Lu in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 81 (1987)—China.
- verruculosa* Q.H. Chen in *Acta Phytotax. Sin.*, 25(1): 69 (1987)—China.

TURANIPHYTEM (Compos.).

- codringtonii* (Rech. f.) D. Podlech in *Fl. Iran.*, 158: 225 (1986); *Artemisia codringtonii*.

TURBINICARPUS (Cactac.).

- gielsdorffianus* (Werderm.) John & Riha in *Kaktusy*, 19(1): 22 (1983); cf. *Repert. Pl. Succ. (I.O.S.)*, 34: 8 (1985); *Echinocactus gielsdorffianus*.
- horripilus* (Lem.) John & Riha in *Kaktusy*, 19(1): 22 (1983); cf. *Repert. Pl. Succ. (I.O.S.)*, 34: 8 (1985); *Mammillaria horripila*.
- knuthianus* (Böd.) John & Riha in *Kaktusy*, 19(1): 22 (1983); cf. *Repert. Pl. Succ. (I.O.S.)*, 34: 8 (1985); *Echinocactus knuthianus*.
- krainzianus*
- f. minima* G. Frank in *Succulenta*, 68(2): 40 (1989), without type—Mexico.
- f. minimus* G. Frank in *Succulenta*, 68(12): 272 (1989), with type, as 'minima'—Mexico.
- var. minimus* (Frank) L. Diers in *Succulenta*, 69(12): 269 (1990); *T. krainzianus* f. *minima*.
- saueri* (Böd.) John & Riha in *Kaktusy*, 19(1): 22 (1983); cf. *Repert. Pl. Succ. (I.O.S.)*, 34: 8 (1985); *Echinocactus saueri*.
- swoboda* L. Diers in *Kakt. And. Sukk.*, 38(4): 90 (1987)—Mexico.
- viereckii* (Werderm.) John & Riha in *Kaktusy*, 19(1): 22 (1983); cf. *Repert. Pl. Succ. (I.O.S.)*, 34: 8 (1985); *Echinocactus viereckii*.
- var. major* (Glass & Foster) John & Riha in *Kaktusy*, 19(1): 22 (1983); cf. *Repert. Pl. Succ. (I.O.S.)*, 34: 8 (1985); *Gymnocactus viereckii* var. *major*.
- ysabelae* (K. Schlange) John & Riha in *Kaktusy*, 19(1): 22 (1983); cf. *Repert. Pl. Succ. (I.O.S.)*, 34: 8 (1985); *Thelocactus ysabelae*.
- var. brevispinus* (K. Schlange) John & Riha in *Kaktusy*, 19(1): 22 (1983); cf. *Repert. Pl. Succ. (I.O.S.)*, 34: 8 (1985); *Thelocactus ysabelae* var. *brevispinus*.

TURNERA (Turnerac.).

- annectens* M.M. Arbo in *Ann. Missouri Bot. Gard.*, 77(2): 340 (1990)—Venezuela.
- argentea* M.M. Arbo in *Ann. Missouri Bot. Gard.*, 77(2): 342 (1990)—Venezuela.
- castilloi* M.M. Arbo in *Ann. Missouri Bot. Gard.*, 77(2): 344 (1990)—Venezuela.
- cicatricosa* M.M. Arbo in *Ann. Missouri Bot. Gard.*, 77(2): 346 (1990)—Venezuela, Guyana.
- concinna* M.M. Arbo in *Candollea*, 41(1): 209 (1986)—Paraguay, Bolivia, Brazil.
- huberi* M.M. Arbo in *Ann. Missouri Bot. Gard.*, 77(2): 347 (1990)—Venezuela.
- parana* M.M. Arbo in *Ann. Missouri Bot. Gard.*, 77(2): 348 (1990)—Venezuela.
- steyermarkii* M.M. Arbo in *Ann. Missouri Bot. Gard.*, 77(2): 349 (1990)—Venezuela, Brazil.

TURRAEA (Meliac.).

- sect. *Nurmonia* (Harms) F. White in *Bothalia*, 16(2): 151 (1986), without exact basionym page: gen. *Nurmonia*.
barbata B.T. Styles & F. White in *Bull. Jard. Bot. Nation. Belg.*, 59(1-2): 257 (1989)—Kenya.
cornucopia B.T. Styles & F. White in *Bull. Jard. Bot. Nation. Belg.*, 59(1-2): 257 (1989)—Kenya.
kimbozensis M. Cheek in *Kew Bull.*, 44(3): 465 (1989)—Tanzania.
kokwaroana B.T. Styles & F. White in *Bull. Jard. Bot. Nation. Belg.*, 59(1-2): 258 (1989)—Kenya.
leroyana M. Cheek in *Kew Bull.*, 45(4): 711 (1990)—Madagascar.
mombassana
 subsp. *cuneata* (Gürke) B.T. Styles & F. White in *Bull. Jard. Bot. Nation. Belg.*, 59(1-2): 258 (1989): T. *cuneata*.
streyi F. White & B.T. Styles in *Bothalia*, 16(2): 153 (1986)—South Africa (Natal).

TURRILLIA A.C. Smith in *Fl. Vitiensis Nova*, 3: 753 (1985). **PROTEACEAE**.

- bleasdalei* (F. v. Muell.) A.C. Smith in *Fl. Vitiensis Nova*, 3: 754 (1985): *Grevillea bleasdalei*.
ferruginea (A.C. Sm.) A.C. Smith in *Fl. Vitiensis Nova*, 3: 757 (1985): *Kermadecia ferruginea*.
lutea (Guillaumin) A.C. Smith in *Fl. Vitiensis Nova*, 3: 754 (1985): *Kermadecia lutea*.
papuana (Diels) A.C. Smith in *Fl. Vitiensis Nova*, 3: 754 (1985): *Euplassa papuana*.
vitiensis (Turill) A.C. Smith in *Fl. Vitiensis Nova*, 3: 755 (1985): *Kermadecia vitiensis*.

TURUKHANIA (Legumin.).

- ruthenica* (L.) N.S. Pavlova in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 4: 321 (1989): *Trigonella ruthenica*.
schischkinii (Vass.) N.S. Pavlova in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 4: 319 (1989): *Trigonella schischkinii*.

TUXTLA J.L. Villaseñor & J.L. Strother in *Syst. Bot.*, 14(4): 537 (1989). **COMPOSITAE**.

- pittieri* (Greenman) J.L. Villaseñor & J.L. Strother in *Syst. Bot.*, 14(4): 537 (1989): *Zexmenia pittieri*.

TWEEDIA (Asclepiadac.).

- andina* (Phil.) G.H. Rua in *Parodiana*, 5(2): 406 (1989): *Oxypetalum andinum*.
aucensis G.H. Rua in *Darwiniana*, 27(1-4): 503 (1986)—Argentina.

TYLANTHERA C. Hansen in *Nordic J. Bot.*, 9(6): 632 (1990). **MELASTOMATACEAE**.

- cordata* C. Hansen in *Nordic J. Bot.*, 9(6): 634 (1990)—Thailand.
tuberosa C. Hansen in *Nordic J. Bot.*, 9(6): 634 (1990)—Thailand.

TYLANTHUS (Rhamnac.).

- acerosus* (Willd.) Endl., *Cat. Horti Vindob.*, 2: 386 (1842); cf. D.J. Maberley in *Taxon*, 33(3): 436 (1984): Basionym not stated.
ericoides (L.) Endl., *Cat. Horti Vindob.*, 2: 386 (1842); cf. D.J. Maberley in *Taxon*, 33(3): 436 (1984): *Phylla ericoides*.

TYLECODON (Crassulac.).

- albiflorus* P. Bruyns in *S. Afr. J. Bot.*, 55(3): 333 (1989)—South Africa (Cape Province).
atropurpureus P. Bruyns in *S. Afr. J. Bot.*, 55(3): 332 (1989)—South Africa (Cape Province).
bayeri E. van Jaarsveld in *Aloe*, 25(2): 31 (1988)—South Africa (Cape Province).
cremnophilus P. Bruyns in *S. Afr. J. Bot.*, 56(1): 130 (1990), see also *S. Afr. J. Bot.*, 56(4): 506 (1990)—South Africa (Cape Province).
ellaphiae E.J. van Jaarsveld in *Flow. Pl. Afr.*, 50(2): t. 1983 (1989)—South Africa (Cape Province).
 × *fergusoniae* (L. Bolus) G.D. Rowley in *Kakt. And. Sukk.*, 41(12): 282 (1990): *Cotyledon fergusoniae*.
papillaris
 subsp. *ecklonianus* (Harvey) G.D. Rowley in *Kakt. And. Sukk.*, 41(12): 282 (1990): *Cotyledon eckloniana*.

TYLECODON :-

- subsp. *wallichii* (Harvey) G.D. Rowley in *Kakt. And. Sukk.*, 41(12): 282 (1990): *Cotyledon wallichii*.
pusillus P. Bruyns in *S. Afr. J. Bot.*, 55(3): 335 (1989)—South Africa (Cape Province).
sulphureus
 var. *armianus* E.J. van Jaarsveld in *Flow. Pl. Afr.*, 50(2): t. 1984 (1989)—South Africa (Cape Province).

TYLERIA (Ochnac.).

- apiculata* C. Sastre in *Phytologia*, 59(5): 313 (21 February 1986); et in *Bull. Mus. Nation. Hist. Nat., B, Adansonia, Ser. 4*, 8(1): 14 (8 July 1986); see *Bull. Mus. Nation. Hist. Nat., B, Adansonia, Ser. 4*, 9(2): 124 (1987)—Venezuela.

TYLOPHORA (Asclepiadac.).

- nana*
 var. *gansuensis* L.C. Wang & X.G. Sun in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(4): 46 (1990), with two types cited—China.
tetrapetala (Dennst.) C.R. Suresh in *D.H. Nicolson, C.R. Suresh & K.S. Manilal, Interpret. Van Rheedee's Hort. Malab.*: 64 (1988): *Asclepias tetrapetala*.

TYPHA (Typhac.).

- domingensis*
 var. *sachetiae* F.R. Fosberg in *Bot. Bull. Acad. Sin.*, 30(3): 220 (1989)—Society Is.
salgirica A.N. Krasnova in *Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1975: 125 (1975 publ. 1976)—U.S.S.R. (Crimea).
 × *suwensis* T. Shimizu in *J. Phytogeogr. Taxon.*, 37(2): 120 (1989)—Japan. (T. *latifolia* × *orientalis*).

TYPHONIUM (Arac.).

- albispatum* J. Bognier in *Aroideana*, 10(2): 27 (1987)—Thailand.

TZVELEVIA E.B. Alekseev in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 90(5): 103 (1985). **GRAMINEAE**.

- kerquelenis* (Hook. f.) E.B. Alekseev in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 90(5): 103 (1985): *Triodia kerquelenis*.

U

ULEX (Legumin.).

- baeticus*
 subsp. *scaber* (G. Kunze) P. Cubas in *Lagascalia*, 14(1): 140 (1986): U. *scaber*.
borgiae S. Rivas Martínez in *Lagascalia*, 14(1): 140 (1986)—Spain.
cantabricus M.J. Alvarez Martínez, M.A. Fernández Casado, J.A. Fernández Prieto, H.S. Nava Fernández & M.L. Vera de la Puente in *Candollea*, 43(2): 493 (1988)—Spain.
parviflorus
 subsp. *africanus* (Webb) W. Greuter in *Willdenowia*, 15(2): 429 (1986): U. *africanus*.

ULMUS (Ulmac.).

- harbinensis* S.Q. Nie & G.Q. Huang in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 151 (1987)—China.
japonica
 var. *suberosa* (Turcz.) S.D. Zhao in *Fl. Liaoningica, chief ed. S.X. Li*, 1: 268 (1988): U. *pumila* var. *suberosa*.
macrocarpa
 var. *glabra* S.Q. Nie & G.Q. Huang in *Bull. Bot. Res. North-East. Forest. Inst.*, 7(1): 153 (1987)—China.
 × *mesocarpa* M. Kim & S. Lee in *Korean J. Pl. Taxon.*, 19(1): 44 (1989), contrary to Art. H.5.2 ICBN (1988)—Korea. (U. *davidiana* var. *japonica* × *macrocarpa*).

ULMUS :-

- minor*
 subsp. *angustifolia* (Weston) C.A. Stace in *Watsonia*, 17(4): 442 (1989): U. *campestris* var. *angustifolia*.
 subsp. *sarniensis* (Loudon) C.A. Stace in *Watsonia*, 17(4): 442 (1989): U. *campestris* var. *sarniensis*.
 subsp. *sarniensis* (C. Schneider) C.A. Stace in *Watsonia*, 18(2): 212 (1990): U. *glabra* f. *sarniensis*.
pumila
 var. *sabulosa* J.H. Guo, Y.S. Li & J.H. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(1): 107 (1988)—China.

UNIOLA (Gramin.).

- peruviana* S. Laegaard & I. Sánchez Vega in *Nordic J. Bot.*, 10(4): 439 (1990)—Peru.

UNONOPSIS (Annonac.).

- aviceps* P.J.M. Maas in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 89(3): 272 (1986)—Colombia.
macrocarpa P.J.M. Maas & A.K. van Setten in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 91(3): 265 (1988)—Panama, ?Colombia.
theobromifolia N. Zamora V. & L.J. Poveda A. in *Phytologia*, 64(5): 399 (1988)—Costa Rica.
velutina P.J.M. Maas in *Proc. Kon. Nederl. Akad. Wetensch.*, C, 89(3): 275 (1986)—Venezuela.

URARIA (Legumin.).

- poilanei* P. Dy Phon in *Fl. Cambodge, Laos & Vietnam*, 23: 109 (1987)—Laos, Thailand.

URBANODENDRON (Laurac.).

- bahiense* (Meissn.) J.G. Rohwer in *Bot. Jahrb.*, 110(2): 166 (1988): *Mespilodaphne bahiense*.
macrophyllum J.G. Rohwer in *Bot. Jahrb.*, 110(2): 166 (1988)—Brazil.

URENA (Malvac.).

- armitiana*
 var. *spenceri* (Ewart) P.A. Fryxell & L.A. Craven in *Austral. Syst. Bot.*, 2(4): 457 (1989): *Hibiscus spenceri*.
australiensis P.A. Fryxell & L.A. Craven in *Austral. Syst. Bot.*, 2(4): 457 (1989)—Australia (N. Terr.).

URERA (Urticac.).

- nitida* (Vellozo) P. Brack in *Napaea, Rev. Bot.*, 1: 7 (1987): *Urtica nitida*.
trinervis (Hochst.) I. Friis & K. Immelman in *Nordic J. Bot.*, 7(2): 126 (1987): *Elatostema trinerve*.

URGINEA (Hyacinthac.).

- nana* S.O. Oyewole in *Ann. Missouri Bot. Gard.*, 76(2): 623 (1989)—Nigeria.
rajii (Ansari) D.B. Deb & S. Dasgupta in *J. Bombay Nat. Hist. Soc.*, 84(2): 412 (1987 publ. 1988): *Drimia rajii*.

UROCARPIDIUM (Malvac.).

- stipulatum* P.A. Fryxell in *Contrib. Univ. Mich. Herb.*, 17: 168 (1990)—Peru.

UROCHLOA (Gramin.).

- adpersa* (Trin.) R.D. Webster in *Syst. Bot.*, 13(4): 607 (1988): *Panicum adpersum*.
advena (Vick.) R.D. Webster, *Australian Paniceae* (Poac.): 231 (1987): *Brachiaria advena*.
atrisola R.D. Webster, *Australian Paniceae* (Poac.): 232 (1987)—Australia (N. Terr., Queensland).
brizantha (A. Rich.) R.D. Webster, *Australian Paniceae* (Poac.): 233 (1987): *Panicum brizanthum*.
ciliatissima (Buckley) R.D. Webster in *Syst. Bot.*, 13(4): 606 (1988): *Panicum ciliatissimum*.
decumbens (Stapp) R.D. Webster, *Australian Paniceae* (Poac.): 234 (1987): *Brachiaria decumbens*.
deflexa (Schumacher) H. Scholz in *Bull. Mus. Nation. Hist. Nat., B, Adansonia, Ser. 4*, 11(4): 443 (1989 publ. 1990): *Panicum deflexum*.
fasciculata
 var. *reticulata* (Vick.) R.D. Webster, *Australian Paniceae* (Poac.): 235 (1987), specific name not validly publ.: *Brachiaria fasciculata* var. *reticulata*.

UROCHLOA :-

- foliosa (R. Br.) R.D. Webster, *Australian Paniceae* (Poac.): 236 (1987): *Panicum foliosum*.
gilesii
subsp. occidentalis (C.A. Gardn. & C.E. Hubb.) R.D. Webster, *Australian Paniceae* (Poac.): 238 (1987): *Brachiaria occidentalis*.
holosericea (R. Br.) R.D. Webster, *Australian Paniceae* (Poac.): 239 (1987): *Panicum holosericeum*.
subsp. velutina R.D. Webster, *Australian Paniceae* (Poac.): 240 (1987)—Australia (N. Terr., W. Australia, Queensland).
kurzii (Hook.f.) R.D. Webster, *Australian Paniceae* (Poac.): 241 (1987): *Panicum kurzii*.
maxima (Jacq.) R.D. Webster, *Australian Paniceae* (Poac.): 241 (1987): *Panicum maximum*.
subsp. infesta (Peters) H. Scholz in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 11(4): 443 (1989 publ. 1990): *Panicum infestum*.
var. trichoglume (Robyns) R.D. Webster, *Australian Paniceae* (Poac.): 242 (1987): *Panicum maximum* var. *trichoglume*.
piligera (F. Muell. ex Benth.) R.D. Webster, *Australian Paniceae* (Poac.): 246 (1987): *Panicum piligerum*.
plantaginea (Link) R.D. Webster in *Syst. Bot.*, 13(4): 607 (1988): *Panicum plantagineum*.
platyphylla (Griseb.) R.D. Webster in *Syst. Bot.*, 13(4): 606 (1988): *Paspalum platyphyllum*.
polyphylla (R. Br.) R.D. Webster, *Australian Paniceae* (Poac.): 248 (1987): *Panicum polyphyllum*.
pubigera (R. & S.) R.D. Webster, *Australian Paniceae* (Poac.): 250 (1987): *Panicum pubigerum*.
ramosa (L.) R.D. Webster, *Australian Paniceae* (Poac.): 251 (1987): *Panicum ramosum*.
subquadripara (Trin.) R.D. Webster, *Australian Paniceae* (Poac.): 252 (1987): *Panicum subquadriparum*.
texana (Buckl.) R.D. Webster, *Australian Paniceae* (Poac.): 253 (1987): *Panicum texanum*.
whiteana (Domin) R.D. Webster, *Australian Paniceae* (Poac.): 254 (1987): *Panicum whiteanum*.
xantholeuca (Schinz) H. Scholz in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 11(4): 443 (1989 publ. 1990): *Panicum xantholeucum*.

UROMYRTUS (Myrtac.).

- metrosideros (F.M. Bail.) A.J. Scott in *Kew Bull.*, 41(2): 286 (1986): *Myrtus metrosideros*.

UROSPATHA (Arac.).

- wurdackii (Bunting) A. Hay in *Blumea*, 33(2): 457 (1988): *Cyrtosperma wurdackii*.

UROSPATHELLA G.S. Bunting in *Phytologia*, 65(5): 391 (1988). ARACEAE.

- wurdackii (Bunting) G.S. Bunting in *Phytologia*, 65(5): 391 (1988): *Cyrtosperma wurdackii*.

URTICA (Urticac.).

- frutescens C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 851 (1784)—Japan.†
glabrata Clem. in *Atti 3 Riun. Sci. Ital.*: 1518 (1841); cf. D.J. Mabberley in *Taxon*, 31(1): 73 (1982)—Locality not stated.
japonica C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 851 (1784)—Japan.†
kunlunshonica C.Y. Yang in *Claves Pl. Xinjiang*, 2: 84 (1982), without latin descr. or type—Xinjiang.
macrophylla C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 850 (1784)—Japan.†
portosanctana J.R. Press in *Bocagiana*, 123: 4 (1988), nom. nov.: U. subincisa var. *floribunda* Wedd.
sondenii (Simm.) Avror. ex D.V. Gel'tman in *Novosti Sist. Vyssh. Rast.*, 25: 76 (1988): U. dioica var. *sondenii*.
spicata C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 850 (1784)—Japan.†
villosa C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg., ed. 14*: 851 (1784)—Japan.†
whitlowii Whitlow, *Bot. Char. Desc. Urtica whitlowii*: 1 (before ?1814); cf. D.J. Mabberley in *Taxon*, 33(3): 444 (1984)—Locality not stated.

URVILLEA (Sapindac.).

- andersonii M.S. Ferrucci in *Bol. Soc. Argent. Bot.*, 24(1-2): 113 (1985)—Brazil.
stipularis M.S. Ferrucci in *Bol. Soc. Argent. Bot.*, 24(1-2): 110 (1985)—Brazil.

UTRICULARIA (Lentibulariac.).

- sect. *Aranella* (Barnh.) P. Taylor in *Kew Bull.*, 41(1): 7 (1986): gen. *Aranella*.
sect. *Australes* P. Taylor, *Genus Utricularia* (*Kew Bull. Addit. Ser. 14*): 179 (1989).
sect. *Benjaminia* P. Taylor in *Kew Bull.*, 41(1): 11 (1986).
sect. *Candollea* P. Taylor in *Kew Bull.*, 41(1): 6 (1986).
sect. *Chelidon* P. Taylor in *Kew Bull.*, 41(1): 10 (1986).
sect. *Choristothecae* P. Taylor, *Genus Utricularia* (*Kew Bull. Addit. Ser. 14*): 508 (1989).
sect. *Enskide* (Raf.) P. Taylor in *Kew Bull.*, 41(1): 9 (1986): gen. *Enskide*.
sect. *Iperua* P. Taylor in *Kew Bull.*, 41(1): 10 (1986).
sect. *Kamienskia* P. Taylor in *Kew Bull.*, 41(1): 11 (1986).
sect. *Lloydia* P. Taylor in *Kew Bull.*, 41(1): 6 (1986).
sect. *Martinia* P. Taylor in *Kew Bull.*, 41(1): 7 (1986).
sect. *Meionula* (Raf.) P. Taylor in *Kew Bull.*, 41(1): 5 (1986): gen. *Meionula*.
sect. *Mirabilia* P. Taylor, *Genus Utricularia* (*Kew Bull. Addit. Ser. 14*): 503 (1989).
sect. *Nelipus* (Raf.) P. Taylor in *Kew Bull.*, 41(1): 15 (1986): gen. *Nelipus*.
sect. *Oliveria* P. Taylor in *Kew Bull.*, 41(1): 13 (1986).
subgen. *Polypompholux* (Lehm.) P. Taylor in *Kew Bull.*, 41(1): 1 (1986): gen. *Polypompholux*.
sect. *Polypompholux* (Lehm.) P. Taylor in *Kew Bull.*, 41(1): 2 (1986): gen. *Polypompholux*.
sect. *Psyllosperma* P. Taylor in *Kew Bull.*, 41(1): 8 (1986).
sect. *Setiscapella* (Barnh.) P. Taylor in *Kew Bull.*, 41(1): 15 (1986): gen. *Setiscapella*.
sect. *Sprucea* P. Taylor in *Kew Bull.*, 41(1): 13 (1986).
sect. *Steyermarkia* P. Taylor, *Genus Utricularia* (*Kew Bull. Addit. Ser. 14*): 517 (1989).
sect. *Tridentaria* P. Taylor in *Kew Bull.*, 41(1): 2 (1986).
sect. *Vesiculina* (Raf.) P. Taylor in *Kew Bull.*, 41(1): 17 (1986): gen. *Vesiculina*.
antennifera P. Taylor in *Kew Bull.*, 41(1): 2 (1986)—Australia (W. Australia).
arnhemica P. Taylor in *Kew Bull.*, 41(1): 3 (1986)—Australia (N. Terr.).
bentharii P. Taylor in *Kew Bull.*, 41(1): 3 (1986)—Australia (W. Australia).
biovularioides (Kuhlmann) P. Taylor in *Kew Bull.*, 41(1): 16 (1986): *Saccolaria biovularioides*.
cheiranthos P. Taylor in *Kew Bull.*, 41(1): 3 (1986)—Australia (N. Terr.).
choristotheca P. Taylor in *Kew Bull.*, 41(1): 14 (1986)—Surinam.
christopheri P. Taylor in *Kew Bull.*, 41(1): 12 (1986)—Nepal.
circumvoluta P. Taylor in *Kew Bull.*, 41(1): 9 (1986)—Australia (N. Terr., Queensland).
corynephora P. Taylor in *Kew Bull.*, 41(1): 12 (1986)—Burma, Thailand.
costata P. Taylor in *Kew Bull.*, 41(1): 7 (1986)—Venezuela, Brazil.
determannii P. Taylor in *Kew Bull.*, 41(1): 14 (1986)—Surinam.
dunlopii P. Taylor in *Kew Bull.*, 41(1): 3 (1986)—Australia (N. Terr., W. Australia).
fistulosa P. Taylor in *Kew Bull.*, 41(1): 3 (1986)—Australia (W. Australia).
forrestii P. Taylor in *Kew Bull.*, 41(1): 13 (1986)—China, Burma.
garrettii P. Taylor in *Kew Bull.*, 41(1): 13 (1986)—Thailand.
georgei P. Taylor in *Kew Bull.*, 41(1): 3 (1986)—Australia (W. Australia).
grandiflora Mertens in *Bull. Acad. Belg.*, 8: 66 (1841); cf. D.J. Mabberley in *Taxon*, 33(3): 444 (1984)—Locality not stated.
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hintonii P. Taylor in *Kew Bull.*, 41(1): 8 (1986)—Mexico.
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parthenopipes P. Taylor in *Kew Bull.*, 41(1): 7 (1986)—Brazil.
peranomala P. Taylor in *Kew Bull.*, 41(1): 12 (1986)—China.
perversa P. Taylor in *Kew Bull.*, 41(1): 16 (1986)—Mexico.
petersonianae P. Taylor in *Kew Bull.*, 41(1): 8 (1986)—Mexico.
physoceras P. Taylor in *Kew Bull.*, 41(1): 15 (1986)—Brazil.
quinquedentata F. Mueller ex P. Taylor in *Kew Bull.*, 41(1): 4 (1986)—Australia (N. Terr., Queensland, W. Australia).
raynallii P. Taylor in *Kew Bull.*, 41(1): 17 (1986)—Cameroon, Senegal, Upper Volta, Sudan, Rwanda.
recta P. Taylor in *Kew Bull.*, 41(1): 10 (1986)—Bhutan, India, China.
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subsp. *firmula* (Oliv.) Z.Y. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(2): 29 (1988): U. wallichiana var. *firmula*.
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terrae-reginae P. Taylor in *Kew Bull.*, 41(1): 5 (1986)—Australia (Queensland).
tridactyla P. Taylor in *Kew Bull.*, 41(1): 5 (1986)—Australia (W. Australia).
triflora P. Taylor in *Kew Bull.*, 41(1): 5 (1986)—Australia (N. Terr.).
westonii P. Taylor in *Kew Bull.*, 41(1): 2 (1986)—Australia (W. Australia).
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brachyandrum C.Y. Wu & R.C. Fang in *Acta Bot. Yunnanica*, 9(4): 383 (1987)—China.
bracteatum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 363 (1784)—Japan.†
var. obovatum C.Y. Wu & R.C. Fang in *Acta Bot. Yunnanica*, 9(4): 385 (1987)—China.
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var. thysanocalyx (Dop) T. Smitinand & Pham-hoang Ho in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 9(4): 349 (1987 publ. 1988): *V. thysanocalyx*.
cavinerve C.Y. Wu in *Acta Bot. Yunnanica*, 9(4): 379 (1987)—China.
chamaebuxus C.Y. Wu in *Acta Bot. Yunnanica*, 9(4): 388 (1987)—China.
chengae
var. pilosum C.Y. Wu in *Acta Bot. Yunnanica*, 9(4): 393 (1987)—China.
ciliatum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 363 (1784)—Japan.†
craspedotum
var. brevipes C.Y. Wu in *Acta Bot. Yunnanica*, 9(4): 391 (1987)—China.
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subsp. sempervirens (Rayner & Henderson) W.B. Kirkman & J.R. Ballington in *Syst. Bot.*, 15(4): 693 (1990): *V. sempervirens*.
cubense
var. giganteum (Bisse) R. Berazain Iturralde in *Rev. Jard. Bot. Nacion. Univ. Habana*, 10(3): 217 (1989): *V. giganteum*.
cuspidifolium C.Y. Wu & R.C. Fang in *Acta Bot. Yunnanica*, 9(4): 390 (1987)—China.
delavayi
subsp. merrillianum (Hayata) R.C. Fang in *Acta Bot. Yunnanica*, 9(4): 394 (1987): *V. merrillianum*.
duclouxii
var. hirtellum C.Y. Wu & R.C. Fang in *Acta Bot. Yunnanica*, 9(4): 387 (1987)—China.
var. hirticaule C.Y. Wu in *Acta Bot. Yunnanica*, 9(4): 386 (1987)—China.
var. pubipes C.Y. Wu in *Acta Bot. Yunnanica*, 9(4): 387 (1987)—China.
ekmanii R. Berazain Iturralde in *Rev. Jard. Bot. Nacion. Univ. Habana*, 10(3): 218 (1989)—Hispaniola (Dominican Republic).
elviraie J.L. Luteyn in *Op. Bot.*, 92: 129 (1987)—Peru.
fimbribracteatum C.Y. Wu in *Acta Bot. Yunnanica*, 9(4): 385 (1987)—China.
gaultheriifolium
var. glaucorubrum C.Y. Wu in *Acta Bot. Yunnanica*, 9(4): 379 (1987)—China.
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henrvi
var. chingii (Sleumer) C.Y. Wu & R.C. Fang in *Acta Bot. Yunnanica*, 9(4): 395 (1987): *V. chingii*.
hirtum C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 363 (1784)—Japan.†
impressinerve C.Y. Wu in *Acta Bot. Yunnanica*, 9(4): 381 (1987)—China.
iteophyllum
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lamprophyllum C.Y. Wu & R.C. Fang in *Acta Bot. Yunnanica*, 9(4): 390 (1987)—China.
nummularia
var. oblongifolium C.Y. Wu & R.C. Fang in *Fl. Xizangica*, 3: 724 (1986)—Xizang.
ovalifolium
var. alpinum (Tatewaki) T. Yamazaki in *J. Jap. Bot.*, 62(4): 128 (1987): *V. chamissonis* var. *alpinum*.
var. sachalinense T. Yamazaki in *J. Jap. Bot.*, 62(4): 128 (1987)—Sakhalin Is., Japan.
oxycoccus
subsp. microphyllum (Lange) J. Feilberg in *Medd. Grønland, Biosci.*, 15: 12 (1984): *Oxycoccus palustris* f. *microphylla*.
papulosum C.Y. Wu & R.C. Fang in *Acta Bot. Yunnanica*, 9(4): 388 (1987)—Xizang.
pipolyi J.L. Luteyn in *Brittonia*, 38(2): 101 (1986)—Brazil.
pratense P.C. Tam ex C.Y. Wu & R.C. Fang in *Acta Bot. Yunnanica*, 9(4): 383 (1987)—China.
pterocalyx J.L. Luteyn in *Bull. Torrey Bot. Club*, 112(4): 451 (1985)—Venezuela.
scalarinervium C.Y. Wu & R.C. Fang in *Fl. Xizangica*, 3: 730 (1986)—Xizang.
sciaphilum C.Y. Wu in *Acta Bot. Yunnanica*, 9(4): 392 (1987)—China.
spiculatum C.Y. Wu & R.C. Fang in *Acta Bot. Yunnanica*, 9(4): 393 (1987)—Xizang.
steyermarkii J.L. Luteyn in *Bull. Torrey Bot. Club*, 112(4): 451 (1985)—Venezuela.
trichocladium
var. glabriracemosum C.Y. Wu in *Acta Bot. Yunnanica*, 9(4): 387 (1987)—China.
uliginosum
subsp. khokhrjakovii M.T. Mazurenko in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 94(6): 97 (1989)—U.S.S.R. (Caucasus), Turkey.
urceolatum
var. pubescens C.Y. Wu & R.C. Fang in *Acta Bot. Yunnanica*, 9(4): 384 (1987)—China.
vietnamense T. Smitinand & Pham-hoang Ho in *Bull. Mus. Nation. Hist. Nat., B, Adansonia*, Ser. 4, 9(4): 349 (1987 publ. 1988)—Vietnam.
yaoshanicum
var. megaphyllum C.Y. Wu & R.C. Fang in *Acta Bot. Yunnanica*, 9(4): 386 (1987)—China.

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- sect. *Amplophus* (Raf.) B. Eriksen in *Nordic J. Bot.*, 9(2): 186 (1989): gen. *Amplophus*.
 sect. *Astrephia* (Dufur.) B. Eriksen in *Nordic J. Bot.*, 9(2): 185 (1989): gen. *Astrephia*.
 sect. *Belonanthus* (Graebn.) B. Eriksen in *Nordic J. Bot.*, 9(2): 186 (1989): gen. *Belonanthus*.
 sect. *Bracteata* B.B. Larsen in *Nordic J. Bot.*, 6(4): 438 (1986).
 sect. *Stangea* (Graebn.) B. Eriksen in *Nordic J. Bot.*, 9(2): 186 (1989): gen. *Stangea*.
ajanensis
subsp. fasciculata (Worosch. & Gorovoi) V.N. Voroshilov in *Byull. Glavn. Bot. Sada (Moscow)*, 143: 30 (1986 publ. 1987): *V. fasciculata*.
alternifolia
subsp. pseudocoreana V.N. Voroshilov in *Byull. Glavn. Bot. Sada (Moscow)*, 143: 31 (1986 publ. 1987)—U.S.S.R. (Soviet Far East).
subsp. stubendorffii (Kreyer ex Kom.) V.N. Voroshilov in *Byull. Glavn. Bot. Sada (Moscow)*, 143: 31 (1986 publ. 1987): *V. stubendorffii*.
alypifolia
subsp. argenteomarginata B. Eriksen in *Fl. Ecuador*, 34(186): 23 (1989)—Ecuador.
bryophila F.R. Barrie in *Sida*, 13(3): 266 (1989)—Mexico.
capensis
var. nana B.L. Burt in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 404 (1986)—South Africa (Natal, Cape Province), Lesotho.
cernua B. Eriksen in *Fl. Ecuador*, 34(186): 20 (1989)—Ecuador.
convallarioides (Schmale) B.B. Larsen in *Nordic J. Bot.*, 6(4): 442 (1986): *Phyllactis convallarioides*.

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- coreana*
subsp. badzhalsensis V.N. Voroshilov in *Byull. Glavn. Bot. Sada (Moscow)*, 143: 30 (1986 publ. 1987)—U.S.S.R. (Soviet Far East).
subsp. leiocarpa (Kitag.) V.N. Voroshilov in *Byull. Glavn. Bot. Sada (Moscow)*, 143: 31 (1986 publ. 1987): *V. leiocarpa*.
subsp. pseudombrosa (Worosch.) V.N. Voroshilov in *Byull. Glavn. Bot. Sada (Moscow)*, 143: 31 (1986 publ. 1987): *V. pseudombrosa*.
subsp. sachalinensis (Hara) V.N. Voroshilov in *Byull. Glavn. Bot. Sada (Moscow)*, 143: 31 (1986 publ. 1987): *V. sambucifolia* var. *sachalinensis*.
crinii
subsp. epirotica (Phitos) R. Franzén in *Willdenowia*, 15(2): 353 (1986): *V. epirotica*.
dageletiana
f. integra (Nakai ex Maekawa) S.H. Park in *J. Korean Pl. Taxon.*, 3(1-2): 26 (1971): *V. dageletiana* var. *integra*.
var. verticillata S.H. Park in *J. Korean Pl. Taxon.*, 3(1-2): 26 (1971)—Korea.
decussata
subsp. polemonioides (H.B.K.) B. Eriksen in *Fl. Ecuador*, 34(186): 52 (1989): *V. polemonioides*.
fauriei
subsp. badzhalsensis (Worosch.) V.N. Voroshilov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 95(2): 92 (1990): *V. coreana* subsp. *badzhalsensis*.
subsp. sachalinensis (Hara) V.N. Voroshilov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 95(2): 92 (1990): *V. sambucifolia* var. *sachalinensis*.
ficiarifolia
var. glabra B.A. Sharipova in *Fl. Tadzhikskoi SSR*, 9: 525, 114 (1988), without type—U.S.S.R. (Middle Asia).
var. obovata B.A. Sharipova in *Fl. Tadzhikskoi SSR*, 9: 525, 114 (1988), without type—U.S.S.R. (Middle Asia).
var. paripinnata B.A. Sharipova in *Fl. Tadzhikskoi SSR*, 9: 525, 114 (1988), without type—U.S.S.R. (Middle Asia).
gallinae F.R. Barrie in *Sida*, 13(3): 269 (1989)—Mexico.
henrici (Graebn.) B. Eriksen in *Fl. Ecuador*, 34(186): 17 (1989): *Stangea henrici*.
kamelinii B.A. Sharipova in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 1(98): 16 (1985)—U.S.S.R. (Middle Asia).
subsp. albiflora B.A. Sharipova in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 1(98): 18 (1985)—U.S.S.R. (Middle Asia).
muliensis S.K. Wu in *Acta Phytotax. Sin.*, 25(3): 239 (1987)—China.
protenta B. Eriksen in *Fl. Ecuador*, 34(186): 24 (1989)—Ecuador, Peru.
punctata
subsp. trichophylla B. Eriksen in *Fl. Ecuador*, 34(186): 23 (1989)—Ecuador.
schachristiana R. Kam. & B.A. Sharipova in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 1(98): 18 (1985)—U.S.S.R. (Middle Asia).
secunda B. Eriksen in *Fl. Ecuador*, 34(186): 32 (1989)—Ecuador.
spiroflora B.B. Larsen in *Nordic J. Bot.*, 6(4): 443 (1986)—Colombia.
venusta L.Q. Qiu in *Acta Bot. Yunnanica*, 8(1): 45 (1986)—China.
villosa C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 81 (1784)—Japan.†
xiaheensis L.Q. Qiu in *Acta Bot. Yunnanica*, 8(1): 46 (1986)—China.
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 sect. *Tuberculatae* B.A. Sharipova in *Dokl. Akad. Nauk Tadzh. SSR*, 27(2): 106 (1984).
gibosa (Guss.) Tin., *Cat. Pl. Panorm.*: 264 (1827); cf. D.J. Mabberley in *Taxon*, 31(1): 73 (1982): *Basionym* not stated.
ovczinnikovii B.A. Sharipova in *Izv. Akad. Nauk Tadzh. SSR, Biol. Nauk*, 3(92): 95 (1983)—U.S.S.R. (Middle Asia).
varzobica B.A. Sharipova in *Fl. Tadzhikskoi SSR*, 9: 525, 109 (1988)—U.S.S.R. (Middle Asia). —

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hirsutissimus (Lundell) C.L. Lundell in *Phytologia*, 63(2): 78 (1987): *Ardisia hirsutissima*.

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ecuadorensis J. Jaramillo Azanza in *Nordic J. Bot.*, 8(1): 20 (1988)—Ecuador.

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alternifolia W. Roxburgh ex R. Wight in *Hook. Bot. Mag. Misc.*, 2: 344 (1831); fide D.J. Mabberley in *Taxon*, 26(5-6): 535 (1977)—India.

VALLOTA (Amaryllidac.).

×hybrida Bull. *Cat.*, 324: 2 (tab.), 6 (1898); cf. D.J. Mabberley in *Taxon*, 34(3): 456 (1985)—Locality not stated. (*Cyrtanthus sanguineus* × *V. speciosa*).

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flabellata (Rolfé ex Downie) E.A. Christenson in *Indian Orchid J.*, 1(4): 156 (1985); et in *Selbyana*, 9(1): 169 (1986): *Aerides flabellata*.
javieraie Tiu ex H. Fessel & E. Lückel in *Orchidee*, 41(4): 146 (1990)—Philippine Is.
kwangtungensis S.J. Cheng & Z.Z. Tang in *Acta Bot. Yunnanica*, 8(2): 218 (1986)—China.

VANGUERIA (Rubiaceae).

subgen. Itigi B. Verdcourt in *Kew Bull.*, 42(1): 186 (1987).
madagascariensis
var. abyssinica (A. Rich.) C. Puff, *Rubiaceae Fl. Ethiopia Area*: 108 (1989), without basionym ref.: *V. abyssinica*.

VANGUERIELLA B. Verdcourt in *Kew Bull.*, 42(1): 189 (1987), nom. nov.: *Vangueriopsis* subgen.

Brachyanthus Robyns (Rubiaceae).
sect. *Stenosepalae* (Robyns) B. Verdcourt in *Kew Bull.*, 42(1): 194 (1987): *Vangueriopsis* sect. *Stenosepalae*.
campylacantha (Mildbr.) B. Verdcourt in *Kew Bull.*, 42(1): 196 (1987): *Plectronia campylacantha*.
chlorantha (K. Schum.) B. Verdcourt in *Kew Bull.*, 42(1): 193 (1987): *Plectronia chlorantha*.
discolor (Benth.) B. Verdcourt in *Kew Bull.*, 42(1): 193 (1987): *Canthium discolor*.
georgesii B. Verdcourt in *Kew Bull.*, 42(1): 195 (1987)—Gabon.
glabrescens (Robyns) B. Verdcourt in *Kew Bull.*, 42(1): 197 (1987): *Vangueriopsis glabrescens*.
laxiflora (K. Schum.) B. Verdcourt in *Kew Bull.*, 42(1): 192 (1987): *Plectronia laxiflora*.
letestui B. Verdcourt in *Kew Bull.*, 42(1): 194 (1987)—Gabon.
nigerica (Robyns) B. Verdcourt in *Kew Bull.*, 42(1): 193 (1987): *Vangueriopsis nigerica*.
nigricans (Robyns) B. Verdcourt in *Kew Bull.*, 42(1): 193 (1987): *Vangueriopsis nigricans*.
olacifolia (Robyns) B. Verdcourt in *Kew Bull.*, 42(1): 193 (1987): *Vangueriopsis olacifolia*.
orthacantha (Mildbr.) D.M. Bridson & B. Verdcourt in *Kew Bull.*, 42(1): 198 (1987): *Plectronia orthacantha*.
rhamnoides (Hiern) B. Verdcourt in *Kew Bull.*, 42(1): 197 (1987): *Canthium rhamnoides*.
rufa (Robyns) B. Verdcourt in *Kew Bull.*, 42(1): 195 (1987): *Vangueriopsis rufa*.
sapiinii (De Wild.) B. Verdcourt in *Kew Bull.*, 42(1): 196 (1987): *Vangueria sapiinii*.
soyauxii (K. Schum.) B. Verdcourt in *Kew Bull.*, 42(1): 196 (1987): *Plectronia soyauxii*.
spinosa (Schumacher & Thonn.) B. Verdcourt in *Kew Bull.*, 42(1): 194 (1987): *Phallaria spinosa*.
vanguerioides (Hiern) B. Verdcourt in *Kew Bull.*, 42(1): 193 (1987): *Canthium vanguerioides*.
zenkeri B. Verdcourt in *Kew Bull.*, 42(1): 192 (1987), nom. nov.: *Plectronia macrocarpa* K. Schum.

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subgen. *Guranivea* B. Verdcourt in *Kew Bull.*, 42(1): 188 (1987).

VANHOUTTEA (Gesneriac.).

fruticulosa (Glaziou ex Hoehne) A. Chautems in *Candollea*, 45(1): 388 (1990): *Reichsteineria fruticulosa*.

VANILLA (Orchidac.).

taiwaniana S.S. Ying in *Quart. J. Chinese Forest.*, 20(2): 55 (1987)—Taiwan.

VANTANEA (Humiriaceae).

bahiaensis J. Cuatrecasas in *Phytologia*, 68(4): 263 (1990)—Brazil.
depleta G. McPherson in *Ann. Missouri Bot. Gard.*, 75(3): 1148 (1988)—Panama.
morii J. Cuatrecasas in *Phytologia*, 68(4): 265 (1990)—Brazil.
spichigeri A.H. Gentry in *Candollea*, 45(1): 379 (1990)—Peru.

VARILLA (Compos.).

mexicana
var. *gypsophila* B.L. Turner in *Phytologia*, 69(1): 6 (1990)—Mexico.

VARRONIA (Boraginac.).

sect. *Cordiopsis* (Desv.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 382 (1988): gen. *Cordiopsis*.
sect. *Montjolya* (Friesen) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 382 (1988): gen. *Montjolya*.
sect. *Ulmarronia* (Friesen) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 382 (1988): gen. *Ulmarronia*.
acuta (Pittier) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 389 (1988): *Cordia acuta*.
ambigua (Schlecht. & Cham.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 388 (1988): *Cordia ambigua*.
anderssonii (Guerke) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 383 (1988): *Cordia anderssonii*.
anisodonta (Urb.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 394 (1988): *Cordia anisodonta*.
asterothrix (Killip) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 383 (1988): *Cordia asterothrix*.
aubletii (DC.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 389 (1988): *Cordia aubletii*.
axillaris (M.J. Johnston) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 383 (1988): *Cordia axillaris*.
badaeva (Urb. & Ekm.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 383 (1988): *Cordia badaeva*.
bahiensis (DC.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 390 (1988): *Cordia bahiensis*.
baracoensis (Urb.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 383 (1988): *Cordia baracoensis*.
bellonis (Urb.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 390 (1988): *Cordia bellonis*.
bifurcata (Roem. & Schult.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 390 (1988): *Cordia bifurcata*.
boliviana (Gand.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 390 (1988): *Cordia boliviana*.
bombardensis (Urb. & Ekm.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 383 (1988): *Cordia bombardensis*.
braceliniae (I.M. Johnston) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 383 (1988): *Cordia braceliniae*.
brevispicata (Mart. & Gal.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 390 (1988): *Cordia brevispicata*.
brownii (Friesen) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 390 (1988): *Montjolya brownii*.
calcolica (Urb.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 384 (1988): *Cordia calcolica*.
campestris (Warm) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 390 (1988): *Cordia campestris*.
cana (Mart. & Gal.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 388 (1988): *Cordia cana*.
candleana A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 388 (1988), nom. nov.: *Cordia longifolia* A.D.C.
canescens (HBK.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 390 (1988): *Cordia canescens*.
caracasana (DC.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 390 (1988): *Cordia caracasana*.
chabrensis (Urb. & Ekm.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 394 (1988): *Cordia chabrensis*.
chacoensis (Chodat) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 390 (1988): *Cordia chacoensis*.
cinerascens (A.D.C.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 390 (1988): *Cordia cinerascens*.
claviceps (Urb. & Ekm.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 384 (1988): *Cordia claviceps*.
coloradiphila (Gilli) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 390 (1988): *Cordia coloradiphila*.
corallicola (Urb.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 390 (1988): *Cordia corallicola*.
corchorifolia (DC.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 388 (1988): *Cordia corchorifolia*.
costaricensis (I.M. Johnston) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 391 (1988): *Cordia costaricensis*.

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coyucana (I.M. Johnston) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 384 (1988): *Cordia coyucana*.
cuneiformis (DC.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 391 (1988): *Cordia cuneiformis*.
dependens (Urb. & Ekm.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 394 (1988): *Cordia dependens*.
discolor (Cham.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 388 (1988): *Cordia discolor*.
divaricata (HBK.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 391 (1988): *Cordia divaricata*.
duartei (Borhidi & Muñiz) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 384 (1988): *Cordia duartei*.
ewanii (Killip) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 391 (1988), without basionym ref.: *Cordia ewanii*.
exarata (Urb.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 391 (1988): *Cordia exarata*.
fasciata (Leonard & Alain) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 384 (1988): *Cordia fasciata*.
fasciculata (Urb. & Ekm.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 388, 394 (1988): *Cordia fasciculata*.
foliosa (Mart. & Gal.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 389, 394 (1988): *Cordia foliosa*.
galapagensis (Guerke) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 384 (1988): *Cordia galapagensis*.
gibberosa (Urb. & Ekm.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 384 (1988): *Cordia gibberosa*.
glandulosa (Fres.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 391 (1988): *Cordia glandulosa*.
globosa
subsp. *humilis* (Jacq.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 385 (1988): *V. humilis*.
graveolens (HBK.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 391 (1988): *Cordia graveolens*.
haitiensis (Urb.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 391 (1988): *Cordia haitiensis*.
hermannifolia (Cham.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 389 (1988): *Cordia hermannifolia*.
hispidia (Benth.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 391 (1988), without basionym date: *Cordia hispidia*.
holguinensis (Borhidi & Muñiz) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 391 (1988): *Cordia holguinensis*.
hookeriana (Guerke) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 385 (1988): *Cordia hookeriana*.
iberica (Urb.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 385 (1988): *Cordia iberica*.
inermis (Mill.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 389 (1988), basionym as '*Cordia*': *Lantana inermis*.
interrupta (DC.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 392 (1988): *Cordia interrupta*.
intricata (W.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 385 (1988), without basionym page: *Cordia intricata*.
jamaicensis (I.M. Johnston) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 392 (1988): *Cordia jamaicensis*.
jeremiensis (Urb. & Ekm.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 385 (1988): *Cordia jeremiensis*.
lamprophylla (Urb.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 394 (1988): *Cordia lamprophylla*.
lanata (HBK.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 392 (1988): *Cordia lanata*.
lanceolata (HBK.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 389 (1988): *Cordia lanceolata*.
laxiflora (HBK.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 392 (1988): *Cordia laxiflora*.
lenis (Alain) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 392 (1988): *Cordia lenis*.
leucocalyx (Fres.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 385 (1988): *Cordia leucocalyx*.
leucomalla (Taub.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 385 (1988): *Cordia leucomalla*.
mariyuitensis (HBK.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 389 (1988): *Cordia mariyuitensis*.
microcephala (Willd.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 389 (1988): *Cordia microcephala*.
mollissima (Killip) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 386 (1988): *Cordia mollissima*.
multispicata (Cham.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 392 (1988): *Cordia multispicata*.
nashii (Urb. & Britt.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 386 (1988): *Cordia nashii*.
neowidiana (DC.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 386 (1988): *Cordia neowidiana*.
nesophila (I.M. Johnston) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 392 (1988): *Cordia nesophila*.

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- nipensis (Urb. & Ekm.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 386 (1988): *Cordia nipensis*.
 nivea (Fres.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 386 (1988): *Cordia nivea*.
 oligodonta (Urb.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 394 (1988): *Cordia oligodonta*.
 oxyphylla (DC.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 392 (1988): *Cordia oxyphylla*.
 paraguayensis (Chod. & Hassl.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 392 (1988): *Cordia paraguayensis*.
 parviflora (Ortega) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 389 (1988), without basionym date: *Cordia parviflora*.
 passa (I.M. Johnston) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 386 (1988): *Cordia passa*.
 patens (HBK.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 389 (1988): *Cordia patens*.
 pauciflora (Rusby) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 393 (1988): *Cordia pauciflora*.
 pedunculosa (Griseb.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 386 (1988): *Cordia pedunculosa*.
 perroyana (Urb. & Ekm.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 386 (1988): *Cordia perroyana*.
 peruviana (Roem. & Schult.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 393 (1988): *Cordia peruviana*.
 picardae (Urb.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 386 (1988): *Cordia picardae*.
 podocephala (Torr.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 386 (1988), without basionym date: *Cordia podocephala*.
 poeppigii (DC.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 393 (1988): *Cordia poeppigii*.
 poliophylla (Fres.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 387 (1988): *Cordia poliophylla*.
 polystachya (HBK.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 393 (1988): *Cordia polystachya*.
 revoluta (Hook. f.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 387 (1988): *Cordia revoluta*.
 riparia (HBK.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 393 (1988): *Cordia riparia*.
 rosei (Killip) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 393 (1988): *Cordia rosei*.
 rusbyi (Britt. ex Rusby) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 387 (1988): *Cordia rusbyi*.
 salicina (DC.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 393 (1988): *Cordia salicina*.
 salvifolia (Juss. ex Poir.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 389 (1988): *Cordia salvifolia*.
 sauvallei (Urb.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 387 (1988): *Cordia sauvallei*.
 schomburgkii (DC.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 393 (1988): *Cordia schomburgkii*.
 scouleri (Hook. f.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 387 (1988): *Cordia scouleri*.
 serrata (L.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 394 (1988): *Tournefortia serrata*.
 sessilifolia (Cham.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 387 (1988): *Cordia sessilifolia*.
 setulosa (Alain) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 387 (1988): *Cordia setulosa*.
 spinescens (L.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 393 (1988): *Cordia spinescens*.
 stellata (Greenm.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 387 (1988): *Cordia stellata*.
 striata (Fres.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 387 (1988): *Cordia striata*.
 suffruticosa (Borhidi) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 393 (1988): *Cordia suffruticosa*.
 toaensis (Borhidi & Muñiz) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 387 (1988): *Cordia toaensis*.
 tobagensis (Urb.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 393 (1988): *Cordia tobagensis*.
 truncata (Fres.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 388 (1988): *Cordia truncata*.
 utermarkiana (Borhidi) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 388 (1988): *Cordia utermarkiana*.
 verbenacea (DC.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 393 (1988): *Cordia verbenacea*.
 villicaulis (Fres.) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 388 (1988): *Cordia villicaulis*.
 wagnerorum (Howard) A. Borhidi in *Acta Bot. Hung.*, 34(3-4): 393 (1988): *Cordia wagnerorum*.

VASSOBIA (Solnac.).

- iochromoides A.T. Hunziker in *Lorentzia*, 6: 3 (1986)—Argentina.

VATICA (Dipterocarpace.).

- chevalieri (Gagnepain) T. Smitinand in *Fl. Cambodge, Laos & Vietnam*, 25: 47 (1990): *Brachypodandra chevalieri*.
 odorata
 subsp. brevipetiolata Pham Hoang Hô in *Fl. Cambodge, Laos & Vietnam*, 25: 54 (1990)—Vietnam.

VAUQUELINIA (Rosac.).

- californica
 subsp. pauciflora (Standl.) W.J. Hess & J. Henrickson in *Sida*, 12(1): 135 (1987): *V. pauciflora*.
 subsp. retherfordii (I.M. Johnston) W.J. Hess & J. Henrickson in *Sida*, 12(1): 132 (1987): *V. retherfordii*.
 subsp. sonorensis W.J. Hess & J. Henrickson in *Sida*, 12(1): 130 (1987)—U.S.A. (Arizona), Mexico.
 corymbosa
 subsp. angustifolia (Rydb.) W.J. Hess & J. Henrickson in *Sida*, 12(1): 148 (1987): *V. angustifolia*.
 subsp. heterodon (I.M. Johnston) W.J. Hess & J. Henrickson in *Sida*, 12(1): 145 (1987): *V. heterodon*.
 subsp. karwinskyi (Maxim.) W.J. Hess & J. Henrickson in *Sida*, 12(1): 152 (1987): *V. karwinskyi*.
 subsp. latifolia (Rydb. ex Standl.) W.J. Hess & J. Henrickson in *Sida*, 12(1): 159 (1987): *V. latifolia*.
 subsp. saltilloensis W.J. Hess & J. Henrickson in *Sida*, 12(1): 156 (1987)—Mexico.

VEITCHIA (Palmae).

- canterburyana (C. Moore & F. Mueller) H.A. Wendl ex Anon. in *Gard. Chron.*, 1872: 372 (1872): *Kentia canterburyana*.†

- ×**VEJVARUTARA** hort. in *Orchid Rev.*, 95(1130): centre page pull-out p. 9 (1987). **ORCHIDACEAE**. (Broughtonia × Cattleya × Cattleyopsis).

VELLA (Crucif.).

- charpinii J. Fernández Casas in *Fontqueria*, 1: 9 (1982)—Morocco.
 mairei
 var. macrantha J. Fernández Casas in *Fontqueria*, 2: 25 (1982)—Morocco.
 pseudocytisus
 subsp. glabrata W. Greuter in W. Greuter, H.M. Burdet & G. Long (eds.), *Med-checklist*, 3: 172 (1986), nom. nov.: *V. glabrescens* Cosson.

VELLEREOPHYTON (Compos.).

- felinum O.M. Hilliard in *Fl. S. Afr.*, 33(7:2): 35 (1983)—South Africa (Cape Province).
 gracillimum O.M. Hilliard in *Fl. S. Afr.*, 33(7:2): 33 (1983)—South Africa (Cape Province).
 niveum O.M. Hilliard in *Fl. S. Afr.*, 33(7:2): 34 (1983)—South Africa (Cape Province).
 pulvinatum O.M. Hilliard in *Fl. S. Afr.*, 33(7:2): 35 (1983)—South Africa (Cape Province).

VELLOZIA (Velloziac.).

- capiticola L.B. Smith in *Bradea*, 4(30): 211 (1986)—Brazil.
 goiasensis L.B. Smith in *Bradea*, 4(30): 212 (1986)—Brazil.
 luteola R. de Mello-Silva & N.L. de Menezes in *Acta Bot. Brasil.*, 1(2)Supl.: 202 (1988)—Brazil.

VEPRIS (Rutac.).

- mandangoana S. Lisowski in *Fragm. Flor. Geobot.*, 29(2): 214 (1983 publ. 1985)—Zaire.

VERATRUM (Melanthiac.).

- lobelianum
 subsp. misae (Širjajev) M. Šourková in *Novit. Bot.*, 1988(4): 65 (1988): *V. album* var. *misae*.

VERBASCUM (Scrophulariac.).

- adenosepalum (Murb.) I.I. Karyagin in *Fl. Azerbaidzhana*, 7: 424 (1957): *V. sinuatum* var. *adenosepalum*.

VERBASCUM :-

- aqransae A.K. Al-Bermami & A.H.E. Al-Musawi in *Feddes Repert.*, 97(7-8): 393 (1986)—Iraq.
 bactrianum A. Bunge, *Beitr. Fl. Russl.*: 246 (1852)—U.S.S.R. (Middle Asia).†
 ballii (Batt.) M. Qaiser in *Fl. Libya*, 88: 26 (1982): *Celsia ballii*.
 boerhavi
 var. knochei C. Benedí, J. Orell & J.J. Orell *Jaquiot in But. Inst. Catalana Hist. Nat.*, 57 Bot., 7: 62 (1989)—Balearic Is.
 erosum Lag., *Elenchus*: 17 (1816); cf. D.J. Mabberley in *Taxon*, 31(1): 73 (1982)—Locality not stated.
 giganteum
 subsp. martinezii B. Valdés in *Lagascalia*, 14(1): 89 (1986)—Spain.
 ×nydeggeri A. Huber-Morath in *Bauhinia*, 9(1): 40 (1988)—Turkey. (*V. biledschikianum* × *lasianthum*).
 ovatifolium DC. ex Hornem., *Hort. Hafn.*: 211 (1813); cf. D.J. Mabberley in *Taxon*, 33(3): 438 (1984)—Locality not stated.
 rotundifolium
 var. riparicum (O. de Bolòs & J. Vigo) A.M. Romo i Diez, *Fl. Veg. Montsec (Pre-Pirineus Catalans)*: 256 (1989): *V. rotundifolium* subsp. *riparicum*.
 scoparium V. Mozaffarian in *Iranian J. Bot.*, 4(1): 66 (1988)—Iran.
 simplex
 var. compositum (Mariz) C. Benedí & J. Molero in *Bol. Soc. Brot.*, 59: 62 (1986): *V. linckianum* var. *compositum*.
 virgatum
 subsp. dertosense C. Benedí González & A.M. Rovira López in *An. Jard. Bot. Madrid*, 44(2): 391 (1987)—Spain.
 xanthophoenicum
 var. albiflorum D. Voliotis in *Bot. Chronika*, 8(1-2): 36 (1988)—Greece.
- VERBENA** (Verbenac.).
 arequipense S.M. Botta in *Darwiniana*, 28(1-4): 237 (1987 publ. 1988)—Peru.
 officinalis
 subsp. africana R.B. Fernandes & B. Verdcourt in *Bol. Soc. Brot.*, 62: 305 (1989)—Zimbabwe, Ethiopia, Uganda, Kenya, Tanzania, Zambia, South Africa (Natal, Transvaal).
 parvula
 f. albiflora H.N. Moldenke in *Phytologia*, 61(7): 444 (1987)—Bolivia.
 pilosiuscula (Kunth) Endl., *Cat. Horti Vindob.*, 2: 46 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 436 (1984): Basionym not stated.
 salisburii Endl., *Cat. Horti Vindob.*, 2: 46 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 436 (1984)—Locality not stated.
- VERBESINA** (Compos.).
 cuneifolia C.C. Gmel., *Hort. Mag. Duc. Bad. Carlsruh.*: 278 (1811); cf. D.J. Mabberley in *Taxon*, 33(3): 440 (1984)—Australia.
 durangensis B.L. Turner in *Phytologia*, 60(4): 254 (1986)—Mexico.
 guerreroana B.L. Turner in *Phytologia*, 63(1): 7 (1987)—Mexico.
 harlingii H. Robinson in *Phytologia*, 65(1): 53 (1988)—Ecuador.
 hidalgoana B.L. Turner in *Phytologia*, 68(2): 98 (1990)—Mexico.
 howardiana J. Olsen in *Phytologia*, 67(1): 107 (1989); see also *Phytologia*, 68(2): 137 (1990)—Windward Is.
 jacksonii B.L. Turner in *Phytologia*, 65(6): 493 (1989)—Mexico.
 linearis (McVaugh) B.L. Turner in *Phytologia*, 64(4): 269 (1988): *Encelia linearis*.
 lottiana B.L. Turner & J. Olsen in *Sida*, 13(1): 41 (1988)—Mexico.
 macdonaldii B.L. Turner in *Phytologia*, 68(2): 99 (1990)—Mexico.
 macvaughii B.L. Turner in *Phytologia*, 63(1): 8 (1987)—Mexico.
 mexiae B.L. Turner in *Phytologia*, 63(1): 9 (1987)—Mexico.
 nayaritensis B.L. Turner in *Phytologia*, 63(1): 10 (1987)—Mexico.

VERBESINA :-

- neotenoriensis *B.L. Turner in Phytologia*, 63(1): 11 (1987)—Mexico.
 paneroi *B.L. Turner in Phytologia*, 69(2): 125 (1990)—Mexico.
 sinaloensis *B.L. Turner in Phytologia*, 66(6): 498 (1989)—Mexico.
 tapantiana *L.J. Poveda & B. Hammel in Brenesia*, 32: 123 (1989 publ. 1990)—Costa Rica.
 vallartana *B.L. Turner & J. Olsen in Sida*, 13(1): 39 (1988)—Mexico.
 villasenorii *B.L. Turner in Phytologia*, 69(2): 127 (1990)—Mexico.
 villonacoensis *H. Robinson in Phytologia*, 65(1): 54 (1988)—Ecuador.
 virgata
 var. oreopola (*Rob. & Greenm.*) *B.L. Turner in Phytologia*, 63(1): 12 (1987): *V. oreopola*.
 xicoana *B.L. Turner in Phytologia*, 64(5): 344 (1988)—Mexico.

VEREIA (Crassulac.).

- rhizophylla *Berol., Elenchus Hort. Bot. Bonon.*: 8 (1820); cf. *D.J. Mabberley in Taxon*, 32(1): 82 (1983)—Locality not stated.

VERNONIA (Compos.).

- ser. Brasilianae *J.G. Stutts in Rhodora*, 90(861): 41 (1988).
 ser. Chamaedrys *J.G. Stutts in Rhodora*, 90(861): 43 (1988).
 subser. Chamaedrys *J.G. Stutts in Rhodora*, 90(861): 43 (1988).
 subser. Chaquenses *J.G. Stutts in Rhodora*, 90(861): 44 (1988).
 subser. Laxae *J.G. Stutts in Rhodora*, 90(861): 43 (1988).
 ser. Nitidulae (*Cabrera*) *J.G. Stutts in Rhodora*, 90(861): 42 (1988): *V. subsect. Nitidulae*.
 subser. Nudiflorae *J.G. Stutts in Rhodora*, 90(861): 44 (1988).
 ser. Puberulae *J.G. Stutts in Rhodora*, 90(861): 45 (1988).
 ser. Tomentellae *J.G. Stutts in Rhodora*, 90(861): 41 (1988).
 adoensis
 var. kotschyana (*Schultz Bip. ex Walp.*) *G.V. Pope in Kew Bull.*, 43(2): 285 (1988): *V. kotschyana*.
 var. mossambiquensis (*Steetz*) *G.V. Pope in Kew Bull.*, 43(2): 284 (1988): *Ascaricida mossambiquensis*.
 agrianthoides *C. Jeffrey in Kew Bull.*, 43(2): 227 (1988)—Tanzania, Zaire, Burundi.
 albocinerascens *C. Jeffrey in Kew Bull.*, 43(2): 222 (1988)—Uganda, Kenya, Tanzania.
 alticola *G.V. Pope in Kew Bull.*, 43(2): 281 (1988)—Malawi, Tanzania, Zambia.
 ballyi *C. Jeffrey in Kew Bull.*, 43(2): 240 (1988)—Kenya.
 brachytrichoides *C. Jeffrey in Kew Bull.*, 43(2): 221 (1988)—Tanzania.
 bractifimbriata (*Mendonça*) *G.V. Pope in Kew Bull.*, 41(1): 42 (1986): *V. poskeana* var. *bractifimbriata*.
 bruceae *C. Jeffrey in Kew Bull.*, 43(2): 216 (1988)—Tanzania.
 caboverdeana *W. Lobin in Courier Forschungsinst. Senckenberg*, 81: 117 (1986), nom. nov.: *Gymnanthemum bolleanum Steetz*.
 calvoana
 var. acuta (*C.D. Adams*) *C. Jeffrey in Kew Bull.*, 43(2): 237 (1988): *V. leucocalyx* var. *acuta*.
 subsp. adolfi-friderici (*Muschl.*) *C. Jeffrey in Kew Bull.*, 43(2): 236 (1988): *V. adolfi-friderici*.
 subsp. leucocalyx (*O. Hoffm.*) *C. Jeffrey in Kew Bull.*, 43(2): 236 (1988): *V. leucocalyx*.
 subsp. meridionalis (*H. Wild*) *C. Jeffrey in Kew Bull.*, 43(2): 237 (1988): *V. hymenolepis* subsp. *meridionalis*.
 var. mokaensis (*Mildbr. & Mattf.*) *C. Jeffrey in Kew Bull.*, 43(2): 237 (1988): *V. mokaensis*.
 subsp. oehlerii (*Muschl.*) *C. Jeffrey in Kew Bull.*, 43(2): 236 (1988): *V. oehlerii*.
 subsp. ruwenzoriensis *C. Jeffrey in Kew Bull.*, 43(2): 236 (1988)—Uganda, Zaire.
 subsp. ulugurensis (*O. Hoffm.*) *C. Jeffrey in Kew Bull.*, 43(2): 236 (1988): *V. ulugurensis*.
 subsp. usambarensis *C. Jeffrey in Kew Bull.*, 43(2): 236 (1988)—Tanzania.

VERNONIA :-

- carachensis *V.M. Badillo in Ernstia*, 48: 41 (1988)—Venezuela.
 chiriquiense *S.C. Keeley in Brittonia*, 39(1): 45 (1987)—Panama.
 cinerea
 var. lentii (*O. Hoffm.*) *C. Jeffrey in Kew Bull.*, 43(2): 224 (1988): *V. lentii*.
 var. ugandensis *C. Jeffrey in Kew Bull.*, 43(2): 224 (1988)—Uganda, Kenya.
 cocleana *S.C. Keeley in Brittonia*, 39(1): 44 (1987)—Panama.
 colorata
 subsp. grandis (*DC.*) *C. Jeffrey in Kew Bull.*, 43(2): 212 (1988): *Decaneurum grande*.
 subsp. oxyura (*O. Hoffm.*) *C. Jeffrey in Kew Bull.*, 43(2): 213 (1988): *V. oxyura*.
 congolensis
 subsp. longiflora *C. Jeffrey in Kew Bull.*, 43(2): 233 (1988)—Tanzania.
 subsp. vernonioides (*Sch. Bip. ex Walp.*) *C. Jeffrey in Kew Bull.*, 43(2): 233 (1988): *Linzia vernonioides*.
 diazlanuna *B.L. Turner in Phytologia*, 69(3): 169 (1990)—Mexico.
 duvigneaudii *K. Kalanda in Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 209 (1987)—Zaire.
 evrardiana *K. Kalanda in Bull. Jard. Bot. Nation. Belg.*, 56(3-4): 388 (1986)—Zaire.
 exsertiflora
 var. tenuicalyx *G.V. Pope in Kew Bull.*, 43(2): 279 (1988)—Zambia, Tanzania, Zaire.
 faustiana (*Chapman & Jones*) *B.L. Turner in Phytologia*, 65(2): 136 (1988): *V. greggii* subsp. *faustiana*.
 filisquama *M.G. Gilbert in Kew Bull.*, 41(1): 33 (1986)—Tanzania.
 galamensis
 subsp. afromontana (*R.E. Fries*) *M.G. Gilbert in Kew Bull.*, 41(1): 32 (1986): *V. afromontana*.
 var. australis *M.G. Gilbert in Kew Bull.*, 41(1): 26 (1986)—Zimbabwe, Tanzania, Mozambique, Malawi.
 var. ethiopia *M.G. Gilbert in Kew Bull.*, 41(1): 26 (1986)—Ethiopia.
 subsp. filisquama (*M.G. Gilbert*) *C. Jeffrey in Kew Bull.*, 43(2): 229 (1988): *V. filisquama*.
 subsp. gibbosa *M.G. Gilbert in Kew Bull.*, 41(1): 32 (1986)—Kenya.
 var. gibbosa (*M.G. Gilbert*) *C. Jeffrey in Kew Bull.*, 43(2): 230 (1988): *V. galamensis* subsp. *gibbosa*.
 subsp. lushotoensis *M.G. Gilbert in Kew Bull.*, 41(1): 30 (1986)—Tanzania, Uganda.
 var. lushotoensis (*M.G. Gilbert*) *C. Jeffrey in Kew Bull.*, 43(2): 230 (1988): *V. galamensis* subsp. *lushotoensis*.
 subsp. mutomoensis *M.G. Gilbert in Kew Bull.*, 41(1): 31 (1986)—Kenya.
 subsp. nairobensis *M.G. Gilbert in Kew Bull.*, 41(1): 28 (1986)—Kenya, Tanzania.
 var. petitiiana (*A. Rich.*) *M.G. Gilbert in Kew Bull.*, 41(1): 25 (1986): *V. petitiiana*.
 gerberiformis
 var. hockii (*De Wild. & Muschl.*) *G.V. Pope in Kew Bull.*, 43(2): 280 (1988): *V. hockii*.
 subsp. macrocyanus (*O. Hoffm.*) *C. Jeffrey in Kew Bull.*, 43(2): 234 (1988): *V. macrocyanus*.
 graniticola *G.V. Pope in Kew Bull.*, 43(2): 287 (1988)—Zimbabwe.
 greggii
 var. ervendbergii (*A. Gray*) *B.L. Turner in Phytologia*, 65(2): 136 (1988): *V. ervendbergii*.
 griseopapposa *G.V. Pope in Kew Bull.*, 43(2): 282 (1988)—Zambia, Malawi, Burundi.
 hochstetteri
 var. dekindtii (*O. Hoffm.*) *C. Jeffrey in Kew Bull.*, 43(2): 226 (1988): *V. dekindtii*.
 var. kivuensis (*Humb. & Staner*) *C. Jeffrey in Kew Bull.*, 43(2): 226 (1988): *V. kivuensis*.
 imeriensis *V.M. Badillo in Ernstia*, 53: 12 (1989)—Venezuela.
 inhacensis *G.V. Pope in Kew Bull.*, 43(2): 280 (1988)—Mozambique, South Africa (Natal).
 ituriensis
 var. occidentalis (*C.D. Adams*) *C. Jeffrey in Kew Bull.*, 43(2): 231 (1988): *V. glabra* var. *occidentalis*.

VERNONIA :-

- jelfiae
 var. albida *G.V. Pope in Kew Bull.*, 41(2): 394 (1986)—Zambia, Zaire, Tanzania, Malawi, Zimbabwe.
 kapolowensis *K. Kalanda in Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 210 (1987)—Zaire.
 kayuniana *G.V. Pope in Kew Bull.*, 45(4): 697 (1990)—Malawi.
 kigomae *C. Jeffrey in Kew Bull.*, 43(2): 214 (1988)—Tanzania.
 lasiopus
 var. acuta *C. Jeffrey in Kew Bull.*, 43(2): 239 (1988)—Uganda, Kenya, Tanzania, Zaire, Burundi, Rwanda.
 var. caudata *C. Jeffrey in Kew Bull.*, 43(2): 239 (1988)—Tanzania.
 var. grandiceps *C. Jeffrey in Kew Bull.*, 43(2): 239 (1988)—Tanzania.
 var. iodocalyx (*O. Hoffm.*) *C. Jeffrey in Kew Bull.*, 43(2): 239 (1988): *V. iodocalyx*.
 longipedunculata
 var. manikensis (*De Wild.*) *G.V. Pope in Kew Bull.*, 43(2): 287 (1988): *V. manikensis*.
 var. retusa (*R.E. Fr.*) *G.V. Pope in Kew Bull.*, 43(2): 287 (1988): *V. retusa*.
 mbalensis *G.V. Pope in Kew Bull.*, 41(2): 395 (1986)—Zambia, Tanzania.
 meiotephana *C. Jeffrey in Kew Bull.*, 43(2): 225 (1988), nom. nov.: *Erlangea vernonioides Muschl.*
 melanocoma *C. Jeffrey in Kew Bull.*, 43(2): 247 (1988)—Tanzania, Burundi, Zaire.
 melleri
 var. superba (*O. Hoffm.*) *C. Jeffrey in Kew Bull.*, 43(2): 233 (1988): *V. superba*.
 mikumiensis *C. Jeffrey in Kew Bull.*, 43(2): 223 (1988)—Tanzania.
 miombicoloides *C. Jeffrey in Kew Bull.*, 43(2): 246 (1988)—Tanzania.
 muelleri
 subsp. brevicuspis *G.V. Pope in Kew Bull.*, 43(2): 279 (1988)—Zambia, Tanzania, Malawi.
 subsp. integra *C. Jeffrey in Kew Bull.*, 43(2): 226 (1988)—Tanzania.
 musofensis
 var. miamensis (*S. Moore*) *G.V. Pope in Kew Bull.*, 43(2): 281 (1988): *V. miamensis*.
 nayarii *B.P. Uniyal in Indian J. Forest.*, 11(2): 171 (1988), nom. nov.: *V. recurva Bedd. ex S. Moore*.
 nudiflora
 f. albiflora *N.I. Matzenbacher in Comun. Mus. Cienc. PUCRGS Sér. Bot.*, 30-39: 117 (1985)—Brazil.
 obtusa
 var. bartlettii (*S.B. Jones*) *B.L. Turner in Phytologia*, 66(5): 462 (1989): *V. duncanii* subsp. *bartlettii*.
 var. parkeri (*S.B. Jones*) *B.L. Turner in Phytologia*, 66(5): 462 (1989): *V. obtusa* subsp. *parkeri*.
 paraemulans *C. Jeffrey in Kew Bull.*, 43(2): 246 (1988)—Tanzania.
 parapetersii *C. Jeffrey in Kew Bull.*, 43(2): 247 (1988)—Uganda, Tanzania, Rwanda.
 peninsularis
 var. kodayarensis *A.N. Henry & R. Gopalan in J. Econ. Taxon. Bot.*, 11(1): 233 (1987 publ. 1988)—India.
 plumbaginifolia
 var. kenyensis *C. Jeffrey in Kew Bull.*, 43(2): 245 (1988)—Kenya.
 popeana *C. Jeffrey in Kew Bull.*, 43(2): 244 (1988)—Kenya, Uganda, Tanzania, Sudan, Ethiopia, Somali Republic.
 poskeana
 subsp. botswanaica *G.V. Pope in Kew Bull.*, 41(1): 39 (1986)—Botswana, Zimbabwe, Angola, Namibia, South Africa (Transvaal).
 proctorii *L.E. Urbatsch in Syst. Bot.*, 14(4): 589 (1989)—Puerto Rico.
 ruvungatundu *C. Jeffrey in Kew Bull.*, 43(2): 214 (1988)—Tanzania.
 samfiyana *G.V. Pope in Kew Bull.*, 41(1): 42 (1986)—Zambia, Angola.
 stellulifera (*Benth.*) *C. Jeffrey in Kew Bull.*, 43(2): 225 (1988): *Herderia stellulifera*.
 sylvicola *G.V. Pope in Kew Bull.*, 41(2): 395 (1986)—Zambia, Zaire, Tanzania, Mozambique, Malawi, Zimbabwe, Angola.

VERNONIA :-

- teyucaurensis *A.L. Cabrera in Darwiniana*, 28(1-4): 187 (1987 publ. 1988)—Argentina.
 timpermaniana *K. Kalanda in Bull. Jard. Bot. Nation. Belg.*, 57(1-2): 211 (1987)—Zaire.
 tinctosetosa *C. Jeffrey in Kew Bull.*, 43(2): 245 (1988)—Uganda, Tanzania.
 tricholoba *C. Jeffrey in Kew Bull.*, 43(2): 214 (1988)—Tanzania.
 triflosculosa
 var. palmeri (*Rose*) *B.L. Turner in Phytologia*, 66(5): 464 (1989): *V. palmeri*.
 violaceopapposa
 subsp. nuttii *G.V. Pope in Kew Bull.*, 43(2): 283 (1988)—Zambia, Tanzania.
 vollesenii *C. Jeffrey in Kew Bull.*, 43(2): 222 (1988), as 'vollenseni'—Tanzania.
 zambiana *G.V. Pope in Kew Bull.*, 43(2): 288 (1988)—Zambia.

VERONICA (Scrophulariac.).

- antalyensis *M.A. Fischer, S. Erik & H. Sümbül in Notes Roy. Bot. Gard. Edinburgh*, 44(1): 153 (1986)—Turkey.
 ×cantiana *D. McClintock in Plantsman*, 10(4): 214 (1989)—Cultivation. (*V. dabneyi* × *officinalis*).
 cetikiana *A. Öztürk in Davis & Hedge Festschrift (ed. Kit Tan)*: 60 (1989)—Turkey.
 gentianoides
 var. alpina *A. Öztürk & M.A. Fischer in Davis & Hedge Festschrift (ed. Kit Tan)*: 58 (1989)—Turkey.
 subsp. glacialis (*Nábělek*) *A. Öztürk & M.A. Fischer in Davis & Hedge Festschrift (ed. Kit Tan)*: 58 (1989): *V. gentianoides* var. *glacialis*.
 gryniiana *M.V. Klokov in Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1975: 99 (1975 publ. 1976)—U.S.S.R. (Ukraine, Moldavia).
 kopgeciensis *A. Öztürk & M.A. Fischer in Davis & Hedge Festschrift (ed. Kit Tan)*: 54 (1989)—Turkey.
 maeotica *M.V. Klokov in Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1975: 102 (1975 publ. 1976)—U.S.S.R. (Ukraine, Crimea, Caucasus).
 miniana *P. Baltasar Merino, Algunas Pl. Rar. ... de La Guardia (Pontevedra)*: 24 (1895)—Spain.†
 paczoskiana *M.V. Klokov in Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1975: 105 (1975 publ. 1976)—U.S.S.R. (Ukraine, White Russia).
 ×pseudoorchidea (*Pacz.*) *M.V. Klokov in Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1975: 109 (1975 publ. 1976): *V. spicata* var. *pseudoorchidea*.
 reptans *D.H. Kent in Watsonia*, 18(2): 213 (1990), nom. nov.: *V. repens Clarion ex DC.*
 rosea
 subsp. virgata (*Emberger & Maire*) *A. Dobignard & D. Jordan in Saussurea*, 18: 93 (1987): *V. rosea* var. *virgata*.
 schmidtiana
 f. pilosa *T. Shimizu in J. Phytogeogr. Taxon.*, 37(2): 120 (1989)—Japan.
 telephiifolia
 subsp. glareosa (*Somm. & Levier*) *M.A. Fischer in Zam. Sist. Geogr. Rast.*, 41: 97 (1986): *V. glareosa*.
 viscosula *M.V. Klokov in Novosti Sist. Vyssh. Nizsh. Rast. (Kiev)*, 1975: 96 (1975 publ. 1976)—U.S.S.R. (Crimea, Caucasus).

VERONICASTRUM (Scrophulariac.).

- borissovae (*Czer.*) *J. Soják in Sborn. Nár. Muz. Praze*, B, 39(1): 59 (1983): *Leptandra borissovae*.
 japonicum (*Nakai*) *T. Yamazaki in J. Jap. Bot.*, 65(8): 241 (1990): *Veronica virginica* var. *japonica*.
 var. australe (*Yamazaki*) *T. Yamazaki in J. Jap. Bot.*, 65(8): 242 (1990): *V. sibiricum* var. *australe*.
 f. humile (*Nakai*) *T. Yamazaki in J. Jap. Bot.*, 65(8): 242 (1990): *Veronica sibirica* var. *humile*.
 serpyllifolium
 subsp. humifusum (*Dicks.*) *W.A. Weber in Phytologia*, 62(5): 437 (1987): *Veronica humifusa*.
 sibiricum
 subsp. yezoense (*Hara*) *T. Yamazaki in J. Jap. Bot.*, 65(8): 241 (1990): *V. sibiricum* var. *yezoense*.

VERONICASTRUM :-

- tubiflorum (*Fisch. & Mey.*) *J. Soják in Sborn. Nár. Muz. Praze*, B, 39(1): 59 (1983): *Veronica tubiflora*.

- VERRUCULARIA** A.H.L. de Jussieu, Malpigh. Syn.: 52 (May 1840), preprint from *Ann. Sci. Nat.*, Bot., ser. 2, 13 (August 1840). **MALPIGHIACEAE**. †

VERIVERIA (Gramin.).

- rigida *B.K. Simon in Austrobaileya*, 3(1): 95 (1989)—Australia (Queensland).

VERIBIA (Legumin.).

- alopecuroides (*L.*) *W.A. Weber in Phytologia*, 62(5): 438 (1987): *Sophora alopecuroides*.
 leachiana (*M.E. Peck*) *W.A. Weber in Phytologia*, 67(6): 428 (1989): *Sophora leachiana*.
 nuttalliana (*B.L. Turner*) *W.A. Weber in Phytologia*, 62(5): 437 (1987): *Sophora nuttalliana*.
 pachycarpa (*C.A. Mey.*) *W.A. Weber in Phytologia*, 62(5): 438 (1987): *Sophora pachycarpa*.
 prodanii (*E. Anderson*) *W.A. Weber in Phytologia*, 62(5): 438 (1987): *Sophora prodanii*.
 stenophylla (*A. Gray*) *W.A. Weber in Phytologia*, 62(5): 438 (1987): *Sophora stenophylla*.

VERILLABIUM (Orchidac.).

- yakusimense
 var. nakaianum (*F. Maekawa*) *T.B. Lee in J. Korean Pl. Taxon.*, 6(1-2): 18 (1975): *V. nakaianum*.

VIBURNUM (Caprifoliac.).

- atrocyaneum
 subsp. harrayanum (*Rehd.*) *P.S. Hsu in Fl. Reipubl. Popul. Sin.*, 72: 38 (1988): *V. harrayanum*.
 betulifolium
 var. flocculosum (*Rehd.*) *P.S. Hsu in Fl. Reipubl. Popul. Sin.*, 72: 87 (1988): *V. lobophyllum* var. *flocculosum*.
 chingii
 var. carnosulum (*W.W. Smith*) *P.S. Hsu in Fl. Reipubl. Popul. Sin.*, 72: 46 (1988): *V. erubescens* var. *carnosulum*.
 var. impressinervium (*Hsu*) *P.S. Hsu in Fl. Reipubl. Popul. Sin.*, 72: 46 (1988): *V. carnosulum* var. *impressinervium*.
 cotinifolium
 var. lacei *T.R. Dudley in Feddes Repert.*, 97(3-4): 129 (1986)—Pakistan, India, Himalayas.
 var. wallichii *T.R. Dudley in Feddes Repert.*, 97(3-4): 131 (1986)—Nepal.
 cuspidatum *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg.*, ed. 14: 295 (1784)—Japan.†
 dilatatum *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg.*, ed. 14: 295 (1784)—Japan.†
 var. fulvotomentosum (*Hsu*) *P.S. Hsu in Fl. Reipubl. Popul. Sin.*, 72: 89 (1988): *V. fulvotomentosum*.
 erosum *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg.*, ed. 14: 295 (1784)—Japan.†
 formosanum
 var. pubigerum (*Hsu*) *P.S. Hsu in Fl. Reipubl. Popul. Sin.*, 72: 95 (1988): *V. formosanum* var. *pubigerum*.
 glomeratum
 subsp. magnificum (*Hsu*) *P.S. Hsu in Fl. Reipubl. Popul. Sin.*, 72: 24 (1988): *V. veitchii* subsp. *magnificum*.
 subsp. rotundifolium (*Hsu*) *P.S. Hsu in Fl. Reipubl. Popul. Sin.*, 72: 24 (1988): *V. veitchii* subsp. *rotundifolium*.
 hirtum *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg.*, ed. 14: 295 (1784)—Japan.†
 macrophyllum *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg.*, ed. 14: 295 (1784)—Japan.†
 serratum *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg.*, ed. 14: 294 (1784)—Japan.†
 subalpinum
 var. limitaneum (*W.W. Smith*) *P.S. Hsu in Fl. Reipubl. Popul. Sin.*, 72: 50 (1988): *V. erubescens* var. *limitaneum*.
 tengyuehense
 var. polyneurum (*Hsu*) *P.S. Hsu in Fl. Reipubl. Popul. Sin.*, 72: 60 (1988): *V. oblongum* var. *polyneurum*.

VIBURNUM :-

- thibeticum *C.Y. Wu & Y.F. Huang in Fl. Xizangica*, 4: 480 (1985)—Xizang.
 tomentosum *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg.*, ed. 14: 295 (1784)—Japan.†
 virens *C.P. Thunberg ex A. Murray in Linnaeus, Syst. Veg.*, ed. 14: 294 (1784)—Japan.†

VICATIA (Umbellif.).

- bipinnata *R.H. Shan & F.T. Pu in Acta Phytotax. Sin.*, 24(4): 313 (1986)—China.

VICIA (Legumin.).

- abbreviata
 subsp. balansae (*Boiss.*) *A.K. Stankevich in Sborn. Nauch. Tr. Prikl. Bot. Genet. Selekt.*, 117: 89 (1988): *V. balansae*.
 amurensis
 f. sanneensis *Y.Q. Jiang & S.M. Fu in Fl. Intramongolica*, Ser. 2, 3: 673, 372 (1989)—China.
 argaea (*P. Davis*) *W. Greuter in Willdenowia*, 16(1): 114 (1986): *V. canescens* subsp. *argaea*.
 basaltica *U. Plitmann in Israel J. Bot.*, 36(1): 25 (1987)—Syria.
 canescens
 subsp. argentea (*Lapeyr.*) *O. de Bolós & J. Vigo, Fl. Paisos Catalans*: 505 (1984): *V. argentea*.
 cracca
 subsp. stenophylla (*Velen.*) *C.D. Preston in A. Strid (ed.), Mount. Fl. Greece*, 1: 485 (1986): *V. tenuifolia* subsp. *stenophylla*.
 cusnae *B. Foggi & C. Ricceri in Webbia*, 43(1): 25 (1989)—Italy.
 eristalioides *N. Maxted in Notes Roy. Bot. Gard. Edinburgh*, 45(3): 453 (1988 publ. 1989)—Turkey.
 ferreirensis *D.J. Goyder in Bocagiana*, 113: 1 (1987), nom. nov.: *V. portosanctana Menezes*.
 glauca
 subsp. giennense (*Cuatrec.*) *G. Blanca & F. Valle in Monogr. Flora Veg. Betica*, 1: 27 (1986): *V. glauca* var. *giennense*.
 incana
 f. nugarrae *A.M. Romo i Díez, Fl. Veg. Montsec (Pre-Pirineus Catalans)*: 150 (1989)—Spain.
 kalakhensis *A. Khattab, N. Maxted & F.A. Bisby in Kew Bull.*, 43(3): 535 (1988)—Syria.
 latibracteolata *K.T. Fu in Fl. Tsinlingensis*, 1(3): 449, 92 (1981)—China.
 var. acerosa *K.T. Fu in Fl. Tsinlingensis*, 1(3): 449, 93 (1981)—China.
 linearifolia *Y.N. Lee in Korean J. Bot.*, 25(4): 176 (1982)—Korea.
 lutea
 subsp. cavanillesii (*Martinez*) *C. Romero Zarco in Lagascalia*, 14(1): 141 (1986): *V. cavanillesii*.
 ochroleuca
 subsp. atlantica (*Pomel*) *Quézel & Santa ex W. Greuter & Burdet in Willdenowia*, 16(2): 447 (1987): *V. atlantica*.
 subsp. baborensis (*Batt. & Trabut*) *Quézel & Santa ex W. Greuter & Burdet in Willdenowia*, 16(2): 447 (1987): *V. baborensis*.
 onobrychioides
 subsp. alborosea *A. Dobignard in Saussurea*, 19: 100 (1988 publ. 1989)—Morocco.
 perelegans *K.T. Fu in Fl. Tsinlingensis*, 1(3): 449, 93 (1981)—China.
 sativa
 var. angustifolia (*L.*) *H.T. Ho in Fl. Fujianica*, 3: 96 (1987 publ. 1988): *V. angustifolia*.
 subsp. consobrina (*Pomel*) *W. Greuter & Burdet in Willdenowia*, 19(1): 34 (1989): *V. consobrina*.
 subsp. terana (*Losa*) *C. Benedi & J. Molero in Bol. Soc. Brot.*, 59: 64 (1986): *Vicia terana*.
 taipaica *K.T. Fu in Fl. Tsinlingensis*, 1(3): 448, 92 (1981)—China.
 tenuifolia
 subsp. atroviolacea (*Bornm.*) *W. Greuter & Burdet in Willdenowia*, 16(2): 447 (1987): *V. tenuifolia* var. *atroviolacea*.
 subsp. dalmatica (*A. Kerner*) *W. Greuter in Willdenowia*, 16(1): 114 (1986): *V. dalmatica*.
 subsp. villosa (*Battand.*) *W. Greuter in Willdenowia*, 16(1): 114 (1986): *V. tenuifolia* var. *villosa*.

VICIA :-

- venosa
 var. glabristyla Y. Endo & H. Ohashi in *Sci. Rep. Tohoku Univ.*, Ser. 4, 39(2): 135 (1986)—Japan.
 var. stolonifera Y. Endo & H. Ohashi in *Sci. Rep. Tohoku Univ.*, Ser. 4, 39(2): 135 (1986)—Japan.
 var. yamanakae Y. Endo & H. Ohashi in *Sci. Rep. Tohoku Univ.*, Ser. 4, 39(2): 135 (1986)—Japan.
 villosa
 subsp. ambigua (Guss.) M. Kerguelén in *Lejeunia*, 120: 183 (1987): V. ambigua.
 subsp. elegantissima (Shuttlew. ex Rouy) G. Bosc & M. Kerguelén in *Lejeunia*, 120: 183 (1987): V. elegantissima.
 woroschilovii N.S. Pavlova in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 4: 303 (1989), nom. nov.: V. pallida Turcz.

VIETNAMOSASA Nguyen To Quyen in *Bot. Zhurn.*, 75(2): 221 (1990). GRAMINEAE.

- ciliata (A. Camus) Nguyen To Quyen in *Bot. Zhurn.*, 75(2): 222 (1990): Arundinaria ciliata.
 darlacensis Nguyen To Quyen in *Bot. Zhurn.*, 75(2): 221 (1990)—Vietnam.
 pusilla (A. Chevalier & A. Camus) Nguyen To Quyen in *Bot. Zhurn.*, 75(2): 222 (1990): Arundinaria pusilla.

VIETSENIA (Melastomatac.).

- scaposa C. Hansen in *Bull. Mus. Nation. Hist. Nat., B. Adansoniana*, Ser. 4, 9(3): 260 (1987 publ. 1988)—Vietnam.

VIGNA (Legumin.).

- subgen. Catiang (DC.) V. Jaaska & V. Jaaska in *Pl. Syst. Evol.*, 159(3-4): 157 (1988): Dolichos sect. Catiang.
 benuensis R.S. Pasquet & R. Maréchal in *Canad. J. Bot.*, 67(4): 949 (1989)—Cameroun.
 hainiana C.R. Babu, Gopinathan & S.K. Sharma in *Bull. Bot. Surv. India*, 27(1-4): 15 (1985 publ. 1987), nom. nov.: Phaseolus wightii W. & A.
 lozani (Rose) Lackey ex R. McVaugh, *Fl. Novo-Galiciana*, 5: 747 (1987): Phaseolus lozani.
 minima
 f. dimorphophylla T.L. Wu in *Acta Bot. Austro Sinica*, 3: 20 (1986), nom. nov.: Phaseolus heterophyllus Hayata.
 nyangensis R. Mithen in *Kew Bull.*, 44(1): 175 (1989)—Zimbabwe, Angola.
 prainiana C.R. Babu & S.K. Sharma in *Bull. Bot. Surv. India*, 27(1-4): 19 (1985 publ. 1987), nom. nov.: Phaseolus calcaratus var. gracilis Prain.
 ricciardiana (Tenore) C.R. Babu & S.K. Sharma in *Bull. Bot. Surv. India*, 27(1-4): 21 (1985 publ. 1987): Phaseolus ricciardianus.
 var. macrocarpa (Prain) H.B. Naithani & S. Biswas in *H.B. Naithani, Flow. Pl. India, Nepal & Bhutan*: 129 (1990): Phaseolus ricciardianus var. macrocarpa.
 strobilophora
 var. buseri (Micheli) R. McVaugh, *Fl. Novo-Galiciana*, 5: 751 (1987): Phaseolus buseri.
 var. crassa R. McVaugh, *Fl. Novo-Galiciana*, 5: 753 (1987)—Mexico.
 sublobata (Roxb.) G.C. Bairanjan, P.C. Panda, B.P. Choudhury & S.N. Patnaik in *J. Econ. Taxon. Bot.*, 7(2): 274 (1985 publ. 1986): Phaseolus sublobatus.
 sublobata (Roxb.) C.R. Babu & S.K. Sharma in *Bull. Bot. Surv. India*, 27(1-4): 21 (1985 publ. 1987), isonym: Phaseolus sublobatus.
 subramaniana (Babu ex Raizada) M. Sharma in *J. Econ. Taxon. Bot.*, 6(3): 736 (1985); et in *Geobios New Rep.*, 5(1): 54 (1986) as 'subramanianus': Phaseolus subramanianus.
 trilobata
 var. pusilla V.N. Naik & D.S. Pokle in *J. Econ. Taxon. Bot.*, 7(3): 670 (1985 publ. 1986)—India.
 vexillata
 var. sepiaria (Dalz.) C.R. Babu & S.K. Sharma in *Bull. Bot. Surv. India*, 27(1-4): 27 (1985 publ. 1987): Phaseolus sepiarius.
 var. wightii (Benth. ex Baker) C.R. Babu & S.K. Sharma in *Bull. Bot. Surv. India*, 27(1-4): 28 (1985 publ. 1987): V. wightii.

VIGUIERA (Compos.).

- ser. Adenophyllae J.L. Panero & E.E. Schilling in *Syst. Bot.*, 13(3): 379 (1988).
 subgen. Bahiopsis (Kellogg) E.E. Schilling in *Madroño*, 37(3): 155 (1990): gen. Bahiopsis.
 sect. Maculatae (S.F. Blake) J.L. Panero & E.E. Schilling in *Syst. Bot.*, 13(3): 377 (1988): V. ser. Maculatae.
 benziorium B.L. Turner in *Phytologia*, 63(6): 436 (1987)—Mexico.
 carterae E.E. Schilling in *Madroño*, 37(3): 157 (1990)—Mexico.
 coraniana A.A. Sáenz in *Parodiana*, 5(1): 26 (1987 publ. 1988)—Bolivia.
 eriophora
 subsp. poblana J.L. Panero & E.E. Schilling in *Syst. Bot.*, 13(3): 389 (1988)—Mexico.
 var. poblana (Panero & Schilling) B.L. Turner in *Phytologia*, 66(5): 460 (1989) as 'poblano': V. eriophora subsp. poblana.
 excelsa
 var. pachycephala (DC.) B.L. Turner in *Phytologia*, 66(5): 460 (1989): Tithonia pachycephala.
 gentryi B.L. Turner in *Phytologia*, 66(5): 458 (1989)—Mexico.
 guerrerana J.L. Panero & E.E. Schilling in *Syst. Bot.*, 13(3): 396 (1988)—Mexico.
 hidalgoana E.E. Schilling & J.L. Panero in *Brittonia*, 42(1): 56 (1990)—Mexico.
 iltisii B.L. Turner in *Phytologia*, 66(6): 502 (1989)—Mexico.
 longifolia
 var. annua (Jones) S.L. Welsh in *S.L. Welsh et al., Utah Fl. (Great Basin Nat. Mem. 9)*: 238 (1987): *Gymnolomia multiflora* var. annua.
 mirandae J.L. Panero & E.E. Schilling in *Syst. Bot.*, 13(3): 392 (1988)—Mexico.
 multiflora
 var. macrocephala (Heiser) B.L. Turner in *Phytologia*, 66(5): 460 (1989): *Heliomeris multiflora* var. macrocephala.
 nesomii B.L. Turner in *Phytologia*, 67(4): 339 (1989)—Mexico.
 palmeri
 var. coalcomana B.L. Turner in *Phytologia*, 63(6): 435 (1987)—Mexico.
 pinnatifida
 var. megaphylla Butterwick ex B.L. Turner in *Phytologia*, 66(5): 461 (1989)—Mexico.
 reybinsonii B.L. Turner in *Phytologia*, 63(6): 435 (1987), nom. nov.: V. kingii H. Rob.
 sharpii J.L. Panero & E.E. Schilling in *Syst. Bot.*, 13(3): 393 (1988)—Mexico.
 splendens J.L. Panero & E.E. Schilling in *Syst. Bot.*, 13(3): 404 (1988)—Mexico.
 superaxillaris (S.F. Blake) B.L. Turner in *Phytologia*, 69(1): 17 (1990): *Hymenostephium superaxillare*.
 torresii B.L. Turner in *Phytologia*, 66(5): 456 (1989)—Mexico.
 vorobikiae B.L. Turner in *Phytologia*, 63(6): 434 (1987), as 'vorobikae'—Mexico.

VILLADIA (Crassulac.).

- aristata R. Moran in *Cact. Succ. J. (U.S.A.)*, 62(4): 180 (1990)—Mexico.
 jimulcensis G.L. Nesom in *Sida*, 13(1): 21 (1988)—Mexico.

VILLARSIA (Menyanthac.).

- marchantii R. Ornduff in *Syst. Bot.*, 15(2): 216 (1990)—Australia (W. Australia).

VINCETOXICUM (Asclepiadac.).

- balfourianum (Schltr.) C.Y. Wu & D.Z. Li in *Acta Bot. Yunnanica*, 11(1): 46 (1989): *Cynanchum forrestii* var. balfourianum.
 biondioides (W.T. Wang) C.Y. Wu & D.Z. Li in *Acta Bot. Yunnanica*, 11(1): 48 (1989): *Cynanchum biondioides*.
 chekiangense (M. Cheng) C.Y. Wu & D.Z. Li in *Acta Bot. Yunnanica*, 11(1): 48 (1989): *Cynanchum chekiangense*.
 daniloi (J. Rohlena) A.W. Hill in *Index Kewensis*, Suppl. 6: 218 (1916-1920 publ. 1926): V. hiruindinaria var. daniloi.

VINCETOXICUM :-

- forrestii (Schltr.) C.Y. Wu & D.Z. Li in *Acta Bot. Yunnanica*, 11(1): 46 (1989): *Cynanchum forrestii*.
 var. stenolobum (Tsiang & Zhang) C.Y. Wu & D.Z. Li in *Acta Bot. Yunnanica*, 11(1): 47 (1989): *Cynanchum forrestii* var. stenolobum.
 fuscatum (Hornem.) Endl., *Cat. Horti Vindob.*, 1: 474 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 436 (1984): Basionym not stated.
 glaucescens (Decne.) C.Y. Wu & D.Z. Li in *Acta Bot. Yunnanica*, 11(1): 48 (1989): *Pentastachme glaucescens*.
 gracilipes (Tsiang & Zhang) C.Y. Wu & D.Z. Li in *Acta Bot. Yunnanica*, 11(1): 48 (1989): *Cynanchum gracilipes*.
 hancokianum (Maxim.) C.Y. Wu & D.Z. Li in *Acta Bot. Yunnanica*, 11(1): 47 (1989): V. mongolicum β ? hancokianum.
 hiruindinaria
 f. puberulum (Beck) K. Sutorý in *Čas. Morav. Muz., Vědy Přír.*, 68: 211 (1983): V. officinale var. puberulum.
 var. timbal-lagravei K. Sutorý in *Čas. Morav. Muz., Vědy Přír.*, 68: 212 (1983), nom. nov.: V. puberulum Timb.-Lagr.
 hydrophilum (Tsiang & Zhang) C.Y. Wu & D.Z. Li in *Acta Bot. Yunnanica*, 11(1): 47 (1989): *Cynanchum hydrophilum*.
 limprichtii (Schltr.) C.Y. Wu & D.Z. Li in *Acta Bot. Yunnanica*, 11(1): 47 (1989): *Cynanchum limprichtii*.
 matsumurae (Yamazaki) H. Ohashi in *J. Jap. Bot.*, 65(9): 277 (1990): *Cynanchum matsumurae*.
 muliense (Tsiang) C.Y. Wu & D.Z. Li in *Acta Bot. Yunnanica*, 11(1): 46 (1989): *Cynanchum muliense*.
 paniculatum (Bunge) C.Y. Wu & D.Z. Li in *Acta Bot. Yunnanica*, 11(1): 48 (1989): *Asclepias paniculata*.
 riparium (Tsiang & Zhang) C.Y. Wu & D.Z. Li in *Acta Bot. Yunnanica*, 11(1): 47 (1989): *Cynanchum riparium*.
 spirale (Forssk.) D.Z. Li in *Acta Bot. Yunnanica*, 11(1): 48 (1989): *Asclepias spiralis*.
 stauntonii (Decne.) C.Y. Wu & D.Z. Li in *Acta Bot. Yunnanica*, 11(1): 47 (1989): *Pentastachme stauntonii*.
 steppicola (Hand.-Mazz.) C.Y. Wu & D.Z. Li in *Acta Bot. Yunnanica*, 11(1): 47 (1989): *Cynanchum steppicola*.
 subleucolatum
 f. albiflorum (Franch. & Sav.) H. Ohashi in *J. Jap. Bot.*, 65(9): 278 (1990): *Tylophora japonica* β . albiflora.
 taihangense (Tsiang & Zhang) C.Y. Wu & D.Z. Li in *Acta Bot. Yunnanica*, 11(1): 48 (1989): *Cynanchum taihangense*.
 verticillatum
 var. arenicola (Tsiang & Zhang) C.Y. Wu & D.Z. Li in *Acta Bot. Yunnanica*, 11(1): 47 (1989): *Cynanchum verticillatum* var. arenicola.
 yamanakae (Ohwi & Ohashi) H. Ohashi in *J. Jap. Bot.*, 65(9): 277 (1990): *Cynanchum yamanakae*.
- VIOLA** (Violac.).
 abulensis M.A. Fernández Casado & H.S. Nava Fernández in *An. Jard. Bot. Madrid*, 44(2): 306 (1987)—Spain.
 acrocerauniensis M. Erben in *Mitt. Bot. Staatssamml. München*, 22: 493 (1986)—Albania.
 arborescens
 f. latifolia (DC.) M.A. Fernández Casado in *Lagascalia*, 14(1): 136 (1986): V. arborescens var. latifolia.
 f. willkommii M.A. Fernández Casado in *Lagascalia*, 14(1): 136 (1986), without type, as nom. nov. but contrary to Art. 33.3 ICBN 1983—Spain.
 arvensis
 subsp. megalantha J.D. Nauenburg, *Untersuch. Variab. Ökol. & Syst. Viola tricolor-Gruppe Mitteleuropa*: 81 (1986)—Switzerland, Austria, Italy.
 bezdelevae V.N. Voroshilov in *Byull. Mosk. Obshch. Ispyt. Prir., Biol.*, 92(1): 134 (1987)—Kuril Is.
 binayensis M. Okamoto & K. Ueda in *M. Kato, Taxon. Stud. Pl. Seram Is.*: 143 (1986), without latin descr. or type; et in *Acta Phytotax. Geobot.*, 37(1-3): 1 (1986), with latin descr. & type—Moluccas.

- VIOLA** :-
 boissieuana
 var. pseudoselkirkii (Nakai) T. Yahara in *J. Fac. Sci. Univ. Tokyo, Bot.*, 14(2): 96 (1987); *V. pseudoselkirkii*.
 ×brauniae Grover ex T.S. Cooper in *Mich. Bot.*, 25(3): 108 (1986)—U.S.A. (Ohio). (*V. rostrata* × *striata*).
 brevistipulata
 f. albescens E. Hama, *Violets of Japan*: 181 (1987)—Japan.
 chamissoniana
 subsp. robusta (Hillebr.) W.L. Wagner, *D.R. Herbst & S.H. Sohmer in Bishop Mus. Occas. Pap.*, 29: 117 (1989); *V. robusta*.
 subsp. trachelifolia (Ging.) W.L. Wagner, *D.R. Herbst & S.H. Sohmer in Bishop Mus. Occas. Pap.*, 29: 117 (1989); *V. trachelifolia*.
 chassanica R.I. Korkishko in *Bot. Zhurn.*, 71(1): 87 (1986)—U.S.S.R. (Soviet Far East), Korea.
 cleistogamoides (L. Adams) R.D. Seppelt in *Fl. S. Australia*, 2: 870 (1986); *V. hederacea* subsp. *cleistogamoides*.
 confusa
 f. leucantha E. Hama, *Violets of Japan*: 181 (1987)—Japan.
 diffusoides C.Y. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(2): 19 (1988)—China.
 ×clipes H.E. Ballard in *Mich. Bot.*, 28(4): 217 (1989)—U.S.A. (Michigan). (*V. conspersa* × *striata*).
 erythraea (Fiore) E. Chiovenda in *Nuov. Giorn. Bot. Ital.*, n.s., 26: 149 (1919), as 'erythraea': *V. cinerea* var. *erythraea*. †
 etrusca M. Erben in *Mitt. Bot. Staatssamml. München*, 22: 499 (1986)—Italy.
 fauricana
 f. albifauricana E. Hama, *Violets of Japan*: 181 (1987)—Japan.
 guadalupensis A.M. Powell & B. Wauer in *Sida*, 14(1): 1 (1990)—U.S.A. (Texas).
 guestphalica J.D. Nauenburg, *Untersuch. Variab. Okol. & Syst. Viola tricolor-Gruppe Mitteleuropa*: 98 (1986)—Germany.
 hancockii
 var. fangshanensis J.W. Wang in *Acta Phytotax. Sin.*, 27(3): 202 (1989)—China.
 hawaiiensis H. St. John in *Bot. Jahrb.*, 111(2): 169 (1989)—Hawaiian Is.
 hebeiensis J.W. Wang & T.G. Ma in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(2): 130 (1988)—China.
 hosakae H. St. John in *Bot. Jahrb.*, 111(2): 173 (1989)—Hawaiian Is.
 kohalana (Rock) H. St. John in *Bot. Jahrb.*, 111(2): 179 (1989); *V. maviensis* var. *kohalana*.
 korintnicensis I. Trinajstić in *Glasn. Prir. Muz. Beogradu*, B, 40: 28 (1985)—Yugoslavia.
 lutea
 subsp. calaminaria (Gingins) J.D. Nauenburg, *Untersuch. Variab. Okol. & Syst. Viola tricolor-Gruppe Mitteleuropa*: 92 (1986); *V. sudetica* var. (β) *calaminaria*.
 mandshurica
 f. albiokedaeana E. Hama, *Violets of Japan*: 181 (1987)—Japan.
 moupinensis
 var. lijiangensis C.Y. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(2): 20 (1988)—China.
 nagamiana T. Hashimoto in *Ann. Tsukuba Bot. Gard.*, 6: 1 (1987)—Taiwan.
 nudicaulis (W. Beck.) S.Y. Chen in *Fl. Xizangica*, 3: 297 (1986), without basionym ref.: *V. biflora* var. *nudicaulis*.
 obtusa
 var. tsuifengensis T. Hashimoto in *Ann. Tsukuba Bot. Gard.*, 6: 3 (1987)—Taiwan.
 praemorsa
 subsp. flavovirens (Pollard) D.M. Fabijan in *Canad. J. Bot.*, 65(12): 2579 (1987); *V. flavovirens*.
 ×preywischiana J.D. Nauenburg in *Flor. Rundbr.*, 21(1): 3 (1987)—Germany. (*V. arvensis* × *guestphalica*).
 pyrenaica
 subsp. montserratii M.A. Fernández Casado & H.S. Nava Fernández in *Candollea*, 41(1): 102 (1986)—Spain.
 rockii H. St. John in *Bot. Jahrb.*, 111(2): 190 (1989)—Hawaiian Is.
- VIOLA** :-
 sachalinensis
 f. albialpina E. Hama, *Violets of Japan*: 181 (1987)—Japan.
 f. chionantha E. Hama, *Violets of Japan*: 181 (1987)—Japan.
 saxatilis
 subsp. curtisii (E. Foster) J. Kirschner & V. Skalický in *Preslia*, 61(4): 317 (1989); *V. curtisii*.
 subsp. polychroma (A. Kerner) J. Kirschner & V. Skalický in *Preslia*, 61(4): 317 (1989); *V. polychroma*.
 sieboldii
 f. albiflora E. Hama, *Violets of Japan*: 181 (1987)—Japan.
 f. leucantha E. Hama, *Violets of Japan*: 181 (1987)—Japan.
 spatulata
 var. delirensis M. Khatamsaz in *Iranian J. Bot.*, 4(2): 177 (1989)—Iran.
 var. latifolia Ghahreman ex M. Khatamsaz in *Iranian J. Bot.*, 4(2): 177 (1989)—Iran.
 stoloniflora M. Yokota & S. Higa in *Bot. Mag. Tokyo*, 101(1061): 2 (1988)—Ryukyu Is.
 trachelifolia
 f. canescens H. St. John in *Bot. Jahrb.*, 111(2): 194 (1989)—Hawaiian Is.
 f. forbesii H. St. John in *Bot. Jahrb.*, 111(2): 194 (1989)—Hawaiian Is.
 f. mauiensis (Rock) H. St. John in *Bot. Jahrb.*, 111(2): 194 (1989); *V. robusta* var. *mauiensis*.
 f. olokolensis (Skotts.) H. St. John in *Bot. Jahrb.*, 111(2): 196 (1989); *V. trachelifolia* var. *olokolensis*.
 f. populifolia (Skotts.) H. St. John in *Bot. Jahrb.*, 111(2): 196 (1989); *V. trachelifolia* var. *populifolia*.
 f. puberula H. St. John in *Bot. Jahrb.*, 111(2): 196 (1989)—Hawaiian Is.
 vallicola
 var. major (Hook.) D.M. Fabijan in *Canad. J. Bot.*, 65(12): 2575 (1987); *V. nuttallii* var. *major*.
 vanroyenii H. St. John in *Bot. Jahrb.*, 111(2): 198 (1989)—Hawaiian Is.
 violacea
 f. leucantha E. Hama, *Violets of Japan*: 181 (1987)—Japan.
 weixiensis C.Y. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(2): 17 (1988)—China.
 yezoensis
 var. hopeiensis (J.W. Wang & T.G. Ma) J.W. Wang & J. Yang in *Acta Phytotax. Sin.*, 27(3): 202 (1989); *V. hopeiensis*.
- VIRGILIA** (Legumin.).
 oroboides
 subsp. ferruginea B.-E. van Wyk in *S. Afr. J. Bot.*, 52(4): 351 (1986)—South Africa (Cape Province).
- VIOLA** (Myricitac.).
 steyermarkii W.A. Rodrigues in *Ann. Missouri Bot. Gard.*, 76(4): 1164 (1989)—Venezuela.
- VISMIA** (Guttif.).
 schultesii N.K.B. Robson in *Ann. Missouri Bot. Gard.*, 77(2): 410 (1990)—Colombia, Venezuela, Brazil, Ecuador, Peru.
 steyermarkii N.K.B. Robson in *Ann. Missouri Bot. Gard.*, 77(2): 411 (1990)—Venezuela.
 tenuinervia (E. v.d. Berg) N.K.B. Robson in *Ann. Missouri Bot. Gard.*, 77(2): 411 (1990); *V. cayennensis* var. *tenuinervia*.
- VISMIANTHUS** (Connarac.).
 sterculiifolius (Prain) F.J. Breteleur & J. Brouwer in *Agric. Univ. Wageningen Pap.*, 89(6): 373 (1989); *Ellipanthus sterculiaceifolius*.
- VITEX** (Verbenac.).
 masoalensis G.E. Schatz in *Ann. Missouri Bot. Gard.*, 77(1): 207 (1990)—Madagascar.
 ovata C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 578 (1784)—Japan. †
 rotundifolia
 f. albiflora S.S. Ying, *Colour. Illustr. Pl. Taiwan, Pt. 3; Colour. Illustr. Ligneous Pl. Taiwan*, 1: 504 (1987)—Taiwan.
- VITEX** :-
 taihangensis L.B. Guo & S.Q. Zhou in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(4): 61 (1989)—China.
 ugogoensis B. Verdcourt in *Kew Bull.*, 45(4): 699 (1990)—Tanzania.
 velutinifolia A.A. Munir in *J. Adelaide Bot. Gard.*, 10(1): 59 (1987)—Australia (W. Australia).
- VITIS** (Vitac.).
 aestivalis
 var. smalliana (Bailey) B.L. Comeaux in *Sida*, 12(2): 286 (1987); *V. smalliana*.
 amurensis
 f. hermaphrodita J.Y. Li in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(2): 151 (1986)—Cultivation.
 bryoniifolia
 var. mairei (Lévl.) W.T. Wang in *Guihaia*, 8(2): 112 (1988); *V. flexuosa* var. *mairei*.
 cinerea
 var. baileyana (Munson) B.L. Comeaux in *Castanea*, 52(3): 212 (1987), basionym ref. date '1883' in error for '1893'; *V. baileyana*.
 heterophylla C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 244 (1784)—Japan. †
 heyneana
 var. glabra (Parker) H.B. Naithani & S. Biswas in *H.B. Naithani, Flow. Pl. India, Nepal & Bhutan*: 99 (1990); *V. lanata* var. *glabra*.
 japonica C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 244 (1784)—Japan. †
 jinzhaiensis X.S. Shen in *Acta Phytotax. Sin.*, 27(4): 304 (1989)—China.
 longquanensis P.L. Chiu in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(3): 41 (1990)—China.
 luochengensis W.T. Wang in *Guihaia*, 8(2): 110 (1988)—China.
 micrantha (Wall.) W. Theobald in *F. Mason, Burmah*, ed. 3, 2: 563 (1883), nom. superfl.; cf. D.J. Mabberley in *Taxon*, 34(1): 155 (1985); *Panax micranthum*.
 nesbittiana B.L. Comeaux in *Sida*, 12(2): 273 (1987)—Mexico.
 pentaphylla C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 244 (1784)—Japan. †
 piasezkii
 var. angusta W.T. Wang in *Guihaia*, 8(2): 112 (1988)—China.
 shimenensis W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(1): 77 (1989)—China.
 vitiginea (L.) W. Theobald in *F. Mason, Burmah*, ed. 3, 2: 564 (1883); cf. D.J. Mabberley in *Taxon*, 34(1): 155 (1985); *Cissus vitiginea*.
 wentsaiiana P.L. Chiu in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(3): 40 (1990)—China.
 yuenlingensis W.T. Wang in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(1): 75 (1989)—China.
 zhejiang-adstricta P.L. Chiu in *Bull. Bot. Res. North-East. Forest. Inst.*, 10(3): 39 (1990)—China.
- VOANIOALA** J. Dransfield in *Kew Bull.*, 44(2): 192 (1989). PALMAE.
 gerardii J. Dransfield in *Kew Bull.*, 44(2): 195 (1989)—Madagascar.
- VOCHYSIA** (Vochysiac.).
 hannekesaskiae L. Marcano-Berti in *Pittieria*, 18: 7 (1989)—Brazil.
 julianensis L. Marcano-Berti in *Pittieria*, 18: 8 (1989)—Venezuela.
 sabatieri L. Marcano-Berti in *Pittieria*, 18: 9 (1989)—French Guiana.
 steyermarkiana L. Marcano Berti in *Pittieria*, 13: 10 (1986)—Venezuela.
- VOLKAMERIA** (Verbenac.).
 japonica C.P. Thunberg ex A. Murray in *Linnaeus, Syst. Veg.*, ed. 14: 578 (1784)—Japan. †
- VOTOMITA** (Melastomatac.).
 roraimensis T. Morley in *Ann. Missouri Bot. Gard.*, 76(2): 439 (1989)—Brazil.
- VOYRIA** (Gentianac.).
 corymbosa
 subsp. alba (Standley) P. Ruyters & P.J.M. Maas in *Fl. Neotrop.*, 41: 57 (1986); *Leiphaimos albus*.

VRIESEA (Bromeliac.).

- belloi *E.M.C. Leme in Bradea*, 5(16): 172 (1989)—Brazil.
- bi-beatrix *G. Morillo in Ernstia*, 39: 2 (1986)—Venezuela.
- debilis *E.M.C. Leme in Bradea*, 5(16): 173 (1989)—Brazil.
- declinata *E.M.C. Leme in Bradea*, 5(16): 174 (1989)—Brazil.
- dressleri *W. Rauh in Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 58: 41 (1986)—Panama.
- duidae (*L.B. Smith*) *E.J. Gouda in Fl. Guianas, Ser. A*, 3(189): 72 (1987): *Tillandsia duidae*.
- farneyi *G. Martinelli & A. Costa in J. Bromeliad Soc.*, 40(4): 151 (1990)—Brazil.
- graciliscapa *W. Weber in Feddes Repert.*, 97(3-4): 104 (1986)—Brazil.
- noblickii *G. Martinelli & E.M.C. Leme in Bradea*, 4(43): 346 (1987)—Brazil.
- ochracea *W. Rauh & E. Gross in J. Bromeliad Soc.*, 37(5): 196 (1987)—Peru.
- odorata *E.M.C. Leme in Bradea*, 5(16): 175 (1989)—Brazil.
- ouroensis *W. Weber in Feddes Repert.*, 97(3-4): 106 (1986)—Brazil.
- parvula *W. Rauh in Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 58: 44 (1986)—Brazil.
- patzeltii *var. panamaensis W. Rauh in Abh. Akad. Wiss. Lit. Mainz, Math.-Naturwiss. Klasse, Trop. Subtrop. Pflanzenwelt*, 60: 86 (1987)—Panama.
- pleiosticha (*Grisebach*) *E.J. Gouda in Fl. Guianas, Ser. A*, 3(189): 82 (1987): *Tillandsia pleiosticha*.
- plurifolia *E.M.C. Leme in Bradea*, 4(39): 314 (1987)—Brazil.
- punctulata *E. Pereira & I. de A. Penna in Bradea*, 4(34): 272 (1986)—Brazil.
- rastrensis *E.M.C. Leme in Bradea*, 5(16): 176 (1989)—Brazil.
- roberto-seidelii *W. Weber in J. Bromeliad Soc.*, 36(1): 12 (1986)—Brazil.
- sceptum *f. flavibracteata E.M.C. Leme in Bradea*, 4(39): 317 (1987)—Brazil.
- schunkii *E.M.C. Leme in Bradea*, 4(50): 398 (1987)—Brazil.
- seideliana *W. Weber in Feddes Repert.*, 97(3-4): 108 (1986)—Brazil.
- weberi *E. Pereira & I. de A. Penna in Bradea*, 4(34): 273 (1986)—Brazil.

VULPIA (Gramin.).

- hispanica *subsp. montana (Boiss. & Reuter) J.A. Devesa in Lagascalia*, 14(1): 165 (1986): *Nardurus montanus*.
- incrassata *Steudel, Nomencl. Bot.*, ed. 2, 1: 229 (1840), nom. nov., illegit.: *Bromus tenuis Tineo*.
- membranacea *subsp. fasciculata (Forsskål) O. de Bolös, R.M. Masalles & J. Vigo in Collect. Bot.*, 17(1): 96 (1987 publ. 1988): *Festuca fasciculata*.

W**WAHLENBERGIA** (Campanulac.).

- appressifolia *O.M. Hilliard & B.L. Burt in Notes Roy. Bot. Gard. Edinburgh*, 43(3): 350 (1986)—South Africa (Natal), Lesotho.
- aridicola *P.J. Smith in Fl. S. Australia*, 3: 1377 (1986)—Australia (S. Australia, New South Wales).
- caryophylloides *P.J. Smith in Nyctisia*, 7(1): 63 (1989)—Australia (Queensland, N. Terr., W. Australia).
- doleritica *O.M. Hilliard & B.L. Burt in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 196 (1986)—South Africa (Natal).

WAHLENBERGIA :-

- hispidula (*Thunb.*) *Schrad., Ind. Sem. Hort. Acad. Gott.*, 1821: 4 (1821); *cf. D.J. Mabberley in Taxon*, 32(1): 86 (1983): Basionym not stated.
- litticola *P.J. Smith in Fl. S. Australia*, 3: 1380 (1986)—Australia (Victoria, New South Wales, W. Australia, S. Australia), Tasmania, New Zealand.
- lurida (*Lindl.*) *Manetti, Cat. Pl. Caes. Reg. Hort. Modic.*: 106 (1842); *cf. D.J. Mabberley in Taxon*, 33(3): 443 (1984): *Codonopsis lurida*.
- luteola *P.J. Smith in Fl. S. Australia*, 3: 1380 (1986)—Australia (New South Wales, Victoria, S. Australia).
- malaissei *M. Thulin in Nordic J. Bot.*, 7(3): 265 (1987)—Zaire.
- marunguensis *M. Thulin in Nordic J. Bot.*, 7(3): 264 (1987)—Zaire.
- pallidiflora *O.M. Hilliard & B.L. Burt in Notes Roy. Bot. Gard. Edinburgh*, 43(3): 351 (1986)—South Africa (Natal).
- petraea *M. Thulin in Nordic J. Bot.*, 7(3): 262 (1987)—Burundi.
- polyphylla *M. Thulin in Nordic J. Bot.*, 7(3): 264 (1987)—Zaire.
- polytrichifolia *subsp. dracomontana O.M. Hilliard & B.L. Burt in Notes Roy. Bot. Gard. Edinburgh*, 43(2): 197 (1986)—South Africa (Natal), Lesotho.
- queenslandica *R.C. Carolin ex P.J. Smith in Fl. S. Australia*, 3: 1381 (1986)—Australia (Queensland, New South Wales, N. Terr., W. Australia, S. Australia).
- tetramera *M. Thulin in Nordic J. Bot.*, 7(3): 261 (1987)—South Africa (Natal).
- tumidifruca *P.J. Smith in Fl. S. Australia*, 3: 1383 (1986)—Australia (New South Wales, Victoria, Queensland, N. Terr., W. Australia, S. Australia).

WAITZIA (Iridac.).

- crispa (*L.f.*) *Kreysig, Verz. Warm Kalt Hauspfl. Dresden*: 52 (1829); *cf. D.J. Mabberley in Taxon*, 33(3): 434 (1984): Basionym not stated.
- deusta (*Ait.*) *Kreysig, Verz. Warm Kalt Hauspfl. Dresden*: 52 (1829); *cf. D.J. Mabberley in Taxon*, 33(3): 434 (1984): Basionym not stated.
- fenestrata (*Jacq.*) *Kreysig, Verz. Warm Kalt Hauspfl. Dresden*: 52 (1829); *cf. D.J. Mabberley in Taxon*, 33(3): 434 (1984): Basionym not stated.
- flava (*Ait.*) *Kreysig, Verz. Warm Kalt Hauspfl. Dresden*: 52 (1829); *cf. D.J. Mabberley in Taxon*, 33(3): 434 (1984): Basionym not stated.
- lineata (*Salisb.*) *Kreysig, Verz. Warm Kalt Hauspfl. Dresden*: 52 (1829); *cf. D.J. Mabberley in Taxon*, 33(3): 434 (1984): Basionym not stated.
- longiflora (*Berg*) *Kreysig, Verz. Warm Kalt Hauspfl. Dresden*: 52 (1829); *cf. D.J. Mabberley in Taxon*, 33(3): 434 (1984): Basionym not stated.
- miniata (*Jacq.*) *Kreysig, Verz. Warm Kalt Hauspfl. Dresden*: 52 (1829); *cf. D.J. Mabberley in Taxon*, 33(3): 434 (1984): Basionym not stated.
- squalida (*Ait.*) *Kreysig, Verz. Warm Kalt Hauspfl. Dresden*: 52 (1829); *cf. D.J. Mabberley in Taxon*, 33(3): 434 (1984): Basionym not stated.
- viridis (*Ait.*) *Kreysig, Verz. Warm Kalt Hauspfl. Dresden*: 52 (1829); *cf. D.J. Mabberley in Taxon*, 33(3): 434 (1984): Basionym not stated.

WALAFRIDA (Scrophulariac.).

- barabei *R. Mielcarek in Bull. Jard. Bot. Nation. Belg.*, 58(1-2): 122 (1988)—Zaire.

WALLENIA (Myrsinac.).

- formonensis *W.S. Judd in Sida*, 11(3): 329 (1986)—Hispaniola (Haiti).
- hughsonii *Alain H. Liogier in Phytologia*, 63(1): 65 (1987)—Hispaniola (Dominican Republic).

WALTHERIA (Sterculiac.).

- arenicola *A. Rodriguez Fuentes in Rev. Jard. Bot. Nacion. Univ. Habana*, 7(2): 30 (1986 publ. 1987)—Cuba.

WARMINGIA (Orchidac.).

- zamorana *C.H. Dodson in Ic. Pl. Trop.*, Ser. 2, 6: t. 599 (1989)—Ecuador.

WATSONIA (Iridac.).

- subsect. Angustae P. Goldblatt, Genus Watsonia (Ann. Kirstenbosch Bot. Gard.*, 19): 109 (1989).
- subsect. Brevibractea P. Goldblatt, Genus Watsonia (Ann. Kirstenbosch Bot. Gard.*, 19): 87 (1989).
- sect. Gladioloides P. Goldblatt, Genus Watsonia (Ann. Kirstenbosch Bot. Gard.*, 19): 52 (1989).
- subsect. Grandibractea P. Goldblatt, Genus Watsonia (Ann. Kirstenbosch Bot. Gard.*, 19): 99 (1989).
- amabilis *P. Goldblatt, Genus Watsonia (Ann. Kirstenbosch Bot. Gard.*, 19): 41 (1989)—South Africa (Cape Province).
- amatolae *P. Goldblatt, Genus Watsonia (Ann. Kirstenbosch Bot. Gard.*, 19): 58 (1989)—South Africa (Cape Province).
- bella *N.E. Brown ex P. Goldblatt, Genus Watsonia (Ann. Kirstenbosch Bot. Gard.*, 19): 71 (1989)—Swaziland, South Africa (Transvaal).
- borbonica (*Pouret*) *P. Goldblatt in Ann. Missouri Bot. Gard.*, 74(3): 571 (1987): *Lomenia borbonica*. *subsp. ardernei (Sander) P. Goldblatt, Genus Watsonia (Ann. Kirstenbosch Bot. Gard.*, 19): 35 (1989): *W. ardernei*.
- canaliculata *P. Goldblatt, Genus Watsonia (Ann. Kirstenbosch Bot. Gard.*, 19): 83 (1989)—South Africa (Natal).
- confusa *P. Goldblatt, Genus Watsonia (Ann. Kirstenbosch Bot. Gard.*, 19): 79 (1989), without latin descr.—South Africa (Natal, Cape Province).
- elsiae *P. Goldblatt, Genus Watsonia (Ann. Kirstenbosch Bot. Gard.*, 19): 97 (1989)—South Africa (Cape Province).
- inclinata *P. Goldblatt, Genus Watsonia (Ann. Kirstenbosch Bot. Gard.*, 19): 67 (1989)—South Africa (Natal, Cape Province).
- minima *P. Goldblatt, Genus Watsonia (Ann. Kirstenbosch Bot. Gard.*, 19): 95 (1989)—South Africa (Cape Province).
- mtamvunae *P. Goldblatt, Genus Watsonia (Ann. Kirstenbosch Bot. Gard.*, 19): 74 (1989)—South Africa (Natal, Cape Province).
- paucifolia *P. Goldblatt, Genus Watsonia (Ann. Kirstenbosch Bot. Gard.*, 19): 56 (1989)—South Africa (Cape Province).
- pondoensis *P. Goldblatt, Genus Watsonia (Ann. Kirstenbosch Bot. Gard.*, 19): 69 (1989)—South Africa (Natal, Cape Province).
- pulchra *N.E. Brown ex P. Goldblatt, Genus Watsonia (Ann. Kirstenbosch Bot. Gard.*, 19): 81 (1989)—Swaziland, South Africa (Natal, Transvaal).
- rourei *P. Goldblatt, Genus Watsonia (Ann. Kirstenbosch Bot. Gard.*, 19): 132 (1989)—South Africa (Cape Province).

WEBERA (Rubiace.).

- curvata (*Teijsm. & Binn.*) *W. Theobald in F. Mason, Burmah*, ed. 3, 2: 427 (1883); *cf. D.J. Mabberley in Taxon*, 34(1): 155 (1985): *Gardenia curvata*.

WEBERBAUERA (Crucif.).

- chillanensis (*Philippi*) *I.A. Al-Shehbaz in J. Arnold Arbor.*, 71(2): 244 (1990): *Draba chillanensis*.
- colchaguensis (*Barnéoud*) *I.A. Al-Shehbaz in J. Arnold Arbor.*, 71(2): 241 (1990): *Cardamine colchaguensis*.
- cymosa *I.A. Al-Shehbaz in J. Arnold Arbor.*, 71(2): 239 (1990)—Bolivia.
- densifolia *I.A. Al-Shehbaz in J. Arnold Arbor.*, 71(2): 229 (1990)—Argentina.
- herzogii (*O.E. Schulz*) *I.A. Al-Shehbaz in J. Arnold Arbor.*, 71(2): 236 (1990): *Sarcodraba herzogii*.
- imbricatifolia (*Barnéoud*) *I.A. Al-Shehbaz in J. Arnold Arbor.*, 71(2): 247 (1990): *Draba imbricatifolia*.
- lagunae (*O.E. Schulz*) *I.A. Al-Shehbaz in J. Arnold Arbor.*, 71(2): 246 (1990): *Stenodraba suffruticosa* var. *lagunae*.
- minutipila *I.A. Al-Shehbaz in J. Arnold Arbor.*, 71(2): 231 (1990)—Peru, Bolivia.
- parvifolia (*Philippi*) *I.A. Al-Shehbaz in J. Arnold Arbor.*, 71(2): 248 (1990): *Sisymbrium parvifolium*.
- retropila *I.A. Al-Shehbaz in J. Arnold Arbor.*, 71(2): 234 (1990)—Bolivia.
- smithii *I.A. Al-Shehbaz in J. Arnold Arbor.*, 71(2): 233 (1990)—Peru.
- stenophylla (*Leyb.*) *I.A. Al-Shehbaz in J. Arnold Arbor.*, 71(2): 245 (1990): *Draba stenophylla*.
- suffruticosa (*Barnéoud*) *I.A. Al-Shehbaz in J. Arnold Arbor.*, 71(2): 247 (1990): *Draba suffruticosa*.

WEBEROCEREUS (Cactac.).

- glaber
var. mirandae (Bravo) U. Eliasson in *Kaktus*, 21(2): 44 (1986); *Selenicereus mirandae*.
 imitans (Kimm. & Hutch.) F. Buxbaum in *Succulenta*, 57(6): 125 (1978); *Werckleocereus imitans*.
 rosei (Kimm.) F. Buxbaum in *Succulenta*, 57(6): 125 (1978); *Eccecmocactus rosei*.
 rosei (Kimm.) U. Eliasson in *Kaktus*, 21(2): 44 (1986), isonym: *Eccecmocactus rosei*.

WEDELIA (Compos.).

- aggregata (Greenm.) B.L. Turner in *Phytologia*, 65(5): 348 (1988); *Aspilia* (?) aggregata.
 ayerscottiana B.L. Turner in *Phytologia*, 60(2): 125 (1986)—Mexico.
 chihuahuana B.L. Turner in *Phytologia*, 65(5): 348 (1988)—Mexico.
 cronquistii B.L. Turner in *Phytologia*, 65(5): 351 (1988)—Mexico.
 gentryi B.L. Turner in *Phytologia*, 66(6): 500 (1989)—Mexico.
 gonzalezarum B.L. Turner in *Phytologia*, 65(5): 349 (1988), as 'gonzalezorum'—Mexico.
 greenmanii B.L. Turner in *Phytologia*, 65(5): 351 (1988), nom. nov., with incorrect replaced synonym ref.: *Aspilia stenophylla* Greenman.
 hintoniorum B.L. Turner in *Phytologia*, 65(5): 352 (1988)—Mexico.
 hispidula (Baker) J.U.M. dos Santos in *Bol. Mus. Paraense Emílio Goeldi, Bot.*, 4(1): 154 (1988); *Aspilia hispidula*.
 keilii B.L. Turner in *Phytologia*, 65(5): 353 (1988)—Mexico.
 montana
var. pilosa H. Koyama in *Acta Phytotax. Geobot.*, 36(4-6): 170 (1985)—Thailand, Nepal, India, Assam, Burma, China.
var. wallichii (Less.) H. Koyama in *Acta Phytotax. Geobot.*, 36(4-6): 168 (1985); *W. wallichii*.
 purpurea (Greenm.) B.L. Turner in *Phytologia*, 65(5): 354 (1988); *Aspilia purpurea*.
 scabra (Cav.) B.L. Turner in *Phytologia*, 65(5): 354 (1988); *Bupthalmum scabrum*.
 subalpestris (Baker) J.U.M. dos Santos in *Bol. Mus. Paraense Emílio Goeldi, Bot.*, 2(1): 12 (1985); *Aspilia subalpestris*.
 tehuatepecana B.L. Turner in *Phytologia*, 65(5): 355 (1988)—Mexico.
 thailandica H. Koyama in *Acta Phytotax. Geobot.*, 36(4-6): 168 (1985)—Thailand.

WEINGARTIA (Cactac.).

- albaoides F. Brandt in *Letzeb. Cacteeffren*, 4(8): 2-8 (1983); *cf. Repert. Pl. Succ. (I.O.S.)*, 34: 8 (1985)—Locality not stated.
 subsp. subfusca F. Brandt in *Letzeb. Cacteeffren*, 4(11): 1-7 (1983); *cf. Repert. Pl. Succ. (I.O.S.)*, 34: 8 (1985)—Locality not stated.
 columnaris F.H. Brandt in *Kakt. Orchid. Rundschau*, 11(2-3): 18 (1986)—Bolivia.
 hoffmanniana F. Brandt in *Letzeb. Cacteeffren*, 5(11): 231-237 (1984), nom. nov.; *cf. Repert. Pl. Succ. (I.O.S.)*, 35: 5 (1985); *Lobivia hoffmanniana* Backeb.
 minima (Rausch) F.H. Brandt in *Kakt. Orchid. Rundschau*, 11(1): 2 (1986); *Sulcorebutia taratensis* var. minima.
 miranda F.H. Brandt in *Kakt. Orchid. Rundschau*, 10(4-5): 42 (1985)—Bolivia.
 tarabucina F. Brandt in *Letzeb. Cacteeffren*, 6(4): 57 (1985); *cf. Repert. Pl. Succ. (I.O.S.)*, 36: 10 (1985 publ. 1986)—Locality not stated.

WEINMANNIA (Cunoniace.).

- neblinensis B. Maguire & J.A. Steyermark in *Mem. New York Bot. Gard.*, 51: 117 (1989)—Venezuela.

WENDLANDIA (Rubiace.).

- sericea W.C. Chen in *Acta Bot. Austro Sinica*, 2: 41 (1986)—Laos.

WESTRINGIA (Labiata).

- davidii B.J. Conn in *Muelleria*, 6(5): 321 (1987)—Australia (New South Wales).
 saxatilis B.J. Conn in *Muelleria*, 6(5): 325 (1987)—Australia (New South Wales).

WETTINIA (Palmae).

- longipetala A.H. Gentry in *Ann. Missouri Bot. Gard.*, 73(1): 160 (1986)—Peru.

WHITFORDIODENDRON (Legumin.).

- filipes
var. tomentosum Z. Wei in *Acta Phytotax. Sin.*, 27(1): 75 (1989)—China.

WIDDRINGTONIA (Cupressac.).

- nodiflora
var. dracomontana (Stapf) J. Silba in *Phytologia*, 68(1): 74 (1990); *W. dracomontana*.
var. whytei (Rendle) J. Silba in *Phytologia*, 68(1): 74 (1990); *W. whytei*.

WIGANDIA (Hydrophyllac.).

- urens
f. africana (Brand) B. Verdcourt in *Fl. Trop. E. Afr., Hydrophyllac.*: 1 (1989); *W. kunthii* f. africana.

WIGGINSIA (Cactac.).

- schaeferiana W.-R. Abraham & J. Theunissen in *Internoto*, 9(1): 24 (1988)—Uruguay.

WIKSTROEMIA (Thymelaeac.).

- ser. Brachystachyae S.C. Huang in *Acta Bot. Yunnanica*, 7(3): 282 (1985).
 ser. Haoianae S.C. Huang in *Acta Bot. Yunnanica*, 7(3): 290 (1985).
 ser. Lichiangense S.C. Huang in *Acta Bot. Yunnanica*, 7(3): 284 (1985).
 ser. Micranthae S.C. Huang in *Acta Bot. Yunnanica*, 7(3): 282 (1985).
 ser. Parviflorae S.C. Huang in *Acta Bot. Yunnanica*, 7(3): 288 (1985).
 ser. Scytophyllae S.C. Huang in *Acta Bot. Yunnanica*, 7(3): 288 (1985).
 anhuiensis D.C. Zhang & X.P. Zhang in *Acta Phytotax. Sin.*, 28(2): 159 (1990)—China.
 baimashanensis S.C. Huang in *Acta Bot. Yunnanica*, 7(3): 286 (1985)—China.
 capitatoracemosa S.C. Huang in *Acta Bot. Yunnanica*, 7(3): 287 (1985), as 'capitato-racemosa'—China, Xizang.
 cochlearifolia S.C. Huang in *Acta Bot. Yunnanica*, 7(3): 290 (1985)—China.
 glabra
f. purpurea (Cheng) S.C. Huang in *Acta Bot. Yunnanica*, 7(3): 282 (1985); *W. glabra* var. purpurea.
 huidongensis C.Y. Chang in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(4): 145 (1986)—China.
 linearifolia H.F. Zhou ex C.Y. Chang in *Guihaia*, 6(4): 270 (1986)—China.
 longipaniculata S.C. Huang in *Acta Bot. Yunnanica*, 7(3): 283 (1985)—China.
 lungtzeensis S.C. Huang in *Acta Bot. Yunnanica*, 7(3): 285 (1985)—Xizang.
 micrantha
var. paniculata (Li) S.C. Huang in *Acta Bot. Yunnanica*, 7(3): 283 (1985); *W. paniculata*.
 monnula
var. xiuningensis D.C. Zhang & J.Z. Shao in *Acta Phytotax. Sin.*, 28(2): 162 (1990)—China.
 oahuensis
var. palustris (Hochr.) B. Peterson in *Bishop Mus. Occas. Pap.*, 29: 116 (1989); *W. palustris*.
 parviflora S.C. Huang in *Acta Bot. Yunnanica*, 7(3): 289 (1985)—China.
 pilosa
var. kulingensis (Domke) S.C. Huang in *Acta Bot. Yunnanica*, 7(3): 291 (1985); *W. kulingensis*.
 stenophylla
var. ziyangensis C.Y. Yu in *Fl. Tsinlingensis*, 1(3): 455, 330 (1981)—China.
 techinensis S.C. Huang in *Acta Bot. Yunnanica*, 7(3): 284 (1985)—China.

WILDEMANIODOXA (Sapotac.).

- laurentii
var. lundensis (Cavaco) L. Liben in *Bull. Jard. Bot. Nation. Belg.*, 58(3-4): 556 (1988); *Chrysophyllum laurentii* var. lundense.

WILLDENOWIA (Restionac.).

- glomerata (Thunb.) H.P. Linder in *Bothalia*, 15(3-4): 494 (1985); *Restio glomeratus*.

WILLDENOWIA :-

- incurvata* (Thunb.) H.P. Linder in *Bothalia*, 15(3-4): 494 (1985); *Restio incurvatus*.
rugosa E.E. Esterhuysen in *Bothalia*, 15(3-4): 495 (1985)—South Africa (Cape Province).

WILLIAMODENDRON K. Kubitzki & H.G. Richter in *Bot. Jahrb.*, 109(1): 50 (1987). LAURACEAE.

- glaucophyllum (van der Werff) K. Kubitzki & H.G. Richter in *Bot. Jahrb.*, 109(1): 58 (1987); *Mezilaurus glaucophylla*.
 quadrilocellatum (van der Werff) K. Kubitzki & H.G. Richter in *Bot. Jahrb.*, 109(1): 58 (1987); *Mezilaurus quadrilocellata*.
 spectabile K. Kubitzki & H.G. Richter in *Bot. Jahrb.*, 109(1): 50 (1987)—Brazil, Colombia.

WINIFREDIA L.A.S. Johnson & B.G. Briggs in *Telopea*, 2(6): 737 (1986). RESTIONACEAE.

- sola L.A.S. Johnson & B.G. Briggs in *Telopea*, 2(6): 738 (1986)—Tasmania.

WITHANIA (Solanac.).

- qaraitica A.G. Miller & J.A. Biagi in *Notes Roy. Bot. Gard. Edinburgh*, 45(1): 68 (1988)—Oman.
 sphaerocarpa F.N. Hepper & L. Boulos in *Kew Bull.*, 43(1): 123 (1988)—Ethiopia, Somali Republic.
var. grisea F.N. Hepper & L. Boulos in *Kew Bull.*, 43(1): 123 (1988)—Somali Republic.

WITHERINGIA (Solanac.).

- filipes Alain H. Lögier in *Phytologia*, 65(6): 421 (1989)—Hispaniola (Dominican Republic).
 folliculoides W.G. D'Arcy & J.L. Gentry in *Ann. Missouri Bot. Gard.*, 74(2): 453 (1987)—Costa Rica.
 laxissima (Standl.) W.G. D'Arcy, *Fl. Panama Checklist & Index*, 2 (Monogr. Syst. Bot. Missouri Bot. Gard. 18): 663, 362 (1987); *Lycianthes laxissima*.

WITTROCKIA (Bromeliac.).

- paradoxa E.M.C. Leme in *Bradea*, 5(16): 170 (1989)—Brazil.
 spiralipectala E.M.C. Leme in *Bradea*, 5(16): 171 (1989)—Brazil.

WOLFFIA (Lemnac.).

- sect. *Elongatae* E. Landolt in *Veröff. Geobot. Inst. Rübel*, 71: 452 (1986).
 sect. *Pigmentatae* E. Landolt in *Veröff. Geobot. Inst. Rübel*, 71: 452 (1986).
 sect. *Pseudorrhizae* E. Landolt in *Veröff. Geobot. Inst. Rübel*, 71: 451 (1986).

WOLFFIELLA (Lemnac.).

- sect. *Rotundae* E. Landolt in *Veröff. Geobot. Inst. Rübel*, 71: 449 (1986).

WRIGHTIA (Apocynac.).

- coalita F. Buchanan-Hamilton ex L.W. Dillwyn, *Rev. Hortus Malab.*: 40 (1839); *fide* D.J. Mabberley in *Taxon*, 26(5-6): 533 (1977)—India.

WURDACKANTHUS (Gentianac.).

- frigidus (Swartz) B. Maguire & B.M. Boom in *Mem. New York Bot. Gard.*, 51: 9 (1989); *Lisianthus frigidus*.

WURMBEA (Colchicac.).

- dolichantha B. Nordenstam in *Op. Bot.*, 87: 14 (1986)—South Africa (Cape Province).
 graniticola T.D. Macfarlane in *Nuytsia*, 5(3): 407 (1986)—Australia (W. Australia).
 hiemalis B. Nordenstam in *Op. Bot.*, 87: 17 (1986)—South Africa (Cape Province).
 inusta (Baker) B. Nordenstam in *Op. Bot.*, 87: 18 (1986); *W. capensis* var. inusta.
 marginata (Desr.) B. Nordenstam in *Op. Bot.*, 87: 20 (1986); *Melanthium marginatum*.
 monopetala (L.f.) B. Nordenstam in *Op. Bot.*, 87: 22 (1986); *Melanthium monopetalum*.
 murchisoniana T.D. Macfarlane in *Nuytsia*, 5(3): 410 (1986)—Australia (W. Australia).
 recurva B. Nordenstam in *Op. Bot.*, 87: 23 (1986)—South Africa (Cape Province).
 robusta B. Nordenstam in *Op. Bot.*, 87: 25 (1986)—South Africa (Cape Province).

WURMBEA :-

- spicata*
var. *ustulata* (B. Nord.) B. Nordenstam in *Op. Bot.*, 87: 28 (1986); W. *ustulata*.
variabilis B. Nordenstam in *Op. Bot.*, 87: 29 (1986)—South Africa (Cape Province).

X**XANTHIUM** (Compos.).

- echinatum*
var. *cavanillesii* (Schouw) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 90 (1987 publ. 1988); X. *cavanillesii*.
subsp. *italicum* (Moretti) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 90 (1987 publ. 1988); X. *italicum*.
var. *italicum* (Moretti) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 90 (1987 publ. 1988); X. *italicum*.
spinosum
f. *inermis* (Bel) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 90 (1987 publ. 1988); X. *spinosum* var. *inermis*.
strumarium
subsp. *brasilicum* (Velloso) O. de Bolòs & J. Vigo in *Collect. Bot.*, 17(1): 90 (1987 publ. 1988); X. *brasilicum*.

XANTHOCEPHALUM (Compos.).

- eradiatum* (M. Lane) G.L. Nesom in *Phytologia*, 66(6): 485 (1989); X. *gymnospermoides* var. *eradiatum*.

XANTHOPHYLLUM (Polygalac.).

- brigitiae* R. van der Meijden in *Fl. Males.*, 10(3): 511 (1988)—Sumatra.

XANTHOPHYTUM (Rubiac.).

- alopecurum* B. Axelius, *Gen. Lerchea* & *Xanthophytum* from South-East Asia: 60 (1989), name not considered as valid by author; *et in Blumea*, 34(2): 446 (1990)—Borneo (Sarawak).
atopevense (Pierre ex Pitard) H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(4): 32 (1986); *Paedicalyx atopevensis*.
balansae (Pitard) H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(4): 31 (1986); *Xanthophytopsis balansae*.
borneense (Valetton) B. Axelius, *Gen. Lerchea* & *Xanthophytum* from South-East Asia: 73 (1989), name not considered as valid by author; *et in Blumea*, 34(2): 458 (1990); X. *fruticosum* var. *borneense*.
brookei B. Axelius, *Gen. Lerchea* & *Xanthophytum* from South-East Asia: 62 (1989), name not considered as valid by author; *et in Blumea*, 34(2): 449 (1990)—Borneo (Sarawak).
cylindricum B. Axelius, *Gen. Lerchea* & *Xanthophytum* from South-East Asia: 57 (1989), name not considered as valid by author; *et in Blumea*, 34(2): 445 (1990)—Borneo (Kalimantan).
foliaceum B. Axelius, *Gen. Lerchea* & *Xanthophytum* from South-East Asia: 53 (1989), name not considered as valid by author; *et in Blumea*, 34(2): 441 (1990)—Borneo (Kalimantan).
glabrum B. Axelius, *Gen. Lerchea* & *Xanthophytum* from South-East Asia: 64 (1989), name not considered as valid by author; *et in Blumea*, 34(2): 450 (1990)—Borneo (Kalimantan, Sarawak, Brunei, Sabah).
grandiflorum B. Axelius, *Gen. Lerchea* & *Xanthophytum* from South-East Asia: 99 (1990), name not considered as valid by author; *et in Blumea*, 34(2): 479 (1990)—Louisiane Archipelago.
kwangtungense (Chun & How) H.S. Lo in *Bull. Bot. Res. North-East. Forest. Inst.*, 6(4): 32 (1986); *Xanthophytopsis kwangtungensis*.
magnisepalum B. Axelius, *Gen. Lerchea* & *Xanthophytum* from South-East Asia: 101 (1989), name not considered as valid by author; *et in Blumea*, 34(2): 482 (1990)—Louisiane Archipelago.

XANTHOPHYTUM :-

- minus* B. Axelius, *Gen. Lerchea* & *Xanthophytum* from South-East Asia: 47 (1989), name not considered as valid by author; *et in Blumea*, 34(2): 435 (1990)—Borneo (Sarawak).
nitens B. Axelius, *Gen. Lerchea* & *Xanthophytum* from South-East Asia: 95 (1989), name not considered as valid by author; *et in Blumea*, 34(2): 475 (1990)—New Guinea (Papua New Guinea, W. Irian), Louisiane Archipelago.
pubistylousum B. Axelius, *Gen. Lerchea* & *Xanthophytum* from South-East Asia: 80 (1989), name not considered as valid by author; *et in Blumea*, 34(2): 464 (1990)—Borneo (Sarawak, Kalimantan).
semiorbiculare (Bakh. f.) B. Axelius, *Gen. Lerchea* & *Xanthophytum* from South-East Asia: 51 (1989), name not considered as valid by author; *et in Blumea*, 34(2): 441 (1990); X. *glomeratum* var. *semiorbiculare*.
sessile B. Axelius, *Gen. Lerchea* & *Xanthophytum* from South-East Asia: 46 (1989), name not considered as valid by author; *et in Blumea*, 34(2): 434 (1990)—Borneo (Sarawak).
setosum B. Axelius, *Gen. Lerchea* & *Xanthophytum* from South-East Asia: 70 (1989), name not considered as valid by author; *et in Blumea*, 34(2): 456 (1990)—Borneo (Sarawak).

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- acaulis* (A. Lee) D.J. Bedford in *Fl. Australia*, 46: 225 (1986); X. *australis* subsp. *acaulis*.
arenaria D.J. Bedford in *Fl. Australia*, 46: 225, 167 (1986)—Tasmania.
brunonis
subsp. *semibarbata* D.J. Bedford in *Fl. Australia*, 46: 225, 157 (1986)—Australia (W. Australia).
caespitosa D.J. Bedford in *Fl. Australia*, 46: 226, 167 (1986)—Australia (S. Australia).
concava (A. Lee) D.J. Bedford in *Fl. Australia*, 46: 226 (1986); X. *resinosa* subsp. *concava*.
fulva (A. Lee) D.J. Bedford in *Fl. Australia*, 46: 226 (1986); X. *resinosa* subsp. *fulva*.
glauca D.J. Bedford in *Fl. Australia*, 46: 226, 164 (1986)—Australia (Queensland, New South Wales).
subsp. *angustifolia* D.J. Bedford in *Fl. Australia*, 46: 226, 165 (1986)—Australia (New South Wales).
latifolia (A. Lee) D.J. Bedford in *Fl. Australia*, 46: 227 (1986); X. *media* subsp. *latifolia*.
subsp. *maxima* D.J. Bedford in *Fl. Australia*, 46: 227, 163 (1986)—Australia (New South Wales).
malacophylla D.J. Bedford in *Fl. Australia*, 46: 227, 164 (1986)—Australia (New South Wales).
minor
subsp. *lutea* D.J. Bedford in *Fl. Australia*, 46: 228, 166 (1986)—Australia (Victoria, S. Australia).
platyphylla D.J. Bedford in *Fl. Australia*, 46: 228, 157 (1986)—Australia (W. Australia).
semiplana
subsp. *tateana* (F. Muell.) D.J. Bedford in *Fl. Australia*, 46: 229 (1986); X. *tateana*.

XANTHOSIA (Umbellif.).

- bungei* G.F. Keighery in *Nordic J. Bot.*, 8(5): 445 (1989)—Australia (W. Australia).

XANTHOSOMA (Arac.).

- akermansii* (Bunting) T.B. Croat in *Aroidiana*, 9(1-4): 176 (1986); *Caladium akermansii*.
bolivarianum G.S. Bunting in *Phytologia*, 60(5): 339 (1986)—Venezuela.
caladioides M.H. Grayum in *Ann. Missouri Bot. Gard.*, 73(2): 471 (1986)—Panama.
contractum G.S. Bunting in *Phytologia*, 64(6): 483 (1988)—Venezuela.
exiguum G.S. Bunting in *Phytologia*, 64(6): 485 (1988)—Venezuela.
mafaffoides G.S. Bunting in *Phytologia*, 64(6): 485 (1988)—Venezuela.
maroae G.S. Bunting in *Phytologia*, 60(5): 341 (1986)—Venezuela.
plowmanii J. Bogner in *Aroidiana*, 8(4): 112 (1985 publ. 1986)—Brazil.

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- formosus* Peter G. Wilson in *Telopea*, 3(4): 462 (1990)—Australia (Queensland).

XANTHOSTEMON :-

- graniticus* Peter G. Wilson in *Telopea*, 3(4): 470 (1990)—Australia (Queensland).
petiolatus (Valetton) Peter G. Wilson in *Telopea*, 3(4): 459 (1990); *Nania petiolata*.
verus (Roxb.) Peter G. Wilson in *Telopea*, 3(4): 459 (1990); *Metrosideros vera*.
xerophilus Peter G. Wilson in *Telopea*, 3(4): 465 (1990)—Australia (Queensland).

XANTHOXALIS (Oxalidac.).

- grenadensis* (Urban) Tzvel. ex N.S. Probatova & A.P. Sokolovskaya in *Bot. Zhurn.*, 73(2): 292 (February 1988), see also N.N. Tsvelev in *Sosud. Rast. Sovet. Dal'nego Vostoka*, 3: 139 (1988); *Oxalis grenadensis*.

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- divaricata* A.S. George in *Fl. Australia*, 46: 230, 98 (1986)—Australia (W. Australia).

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XEROPHYLLUM (Melanthiac.).

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- longicaulis* O.M. Hilliard in *Notes Roy. Bot. Gard. Edinburgh*, 43(3): 405 (1986)—South Africa (Natal).
rippsteini L.B. Smith, J.-P. Lebrun & A.L. Stork in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 8(3): 297 (1986)—Ethiopia.

XEROSIPHON (Amaranthac.).

- angustiflorus* (Mart.) T.M. Pedersen in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 12(1): 95 (1990); *Gomphrena angustiflora*.
aphyllus (Pohl ex Moq.) T.M. Pedersen in *Bull. Mus. Nation. Hist. Nat., B. Adansonia*, Ser. 4, 12(1): 95 (1990); *Gomphrena aphylla*.

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- bullata* (Boiss. & Hausskn.) J. Soják in *Čas. Nár. Muz. (Prague)*, 154(1): 35 (1985 publ. 1986); *Trifolium bullatum*.
clusii (Godr. & Gren.) J. Soják in *Čas. Nár. Muz. (Prague)*, 154(1): 35 (1985 publ. 1986); *Trifolium clusii*.
fragifera (L.) J. Soják in *Čas. Nár. Muz. (Prague)*, 154(1): 35 (1985 publ. 1986); *Trifolium fragiferum*.
subsp. *bonannii* (Presl) J. Soják in *Čas. Nár. Muz. (Prague)*, 154(1): 35 (1985 publ. 1986); *Trifolium bonannii*.
physodes (Stev. ex Marshall-Bieberstein) J. Soják in *Čas. Nár. Muz. (Prague)*, 154(1): 35 (1985 publ. 1986); *Trifolium physodes*.
raddeana (Trautv.) J. Soják in *Čas. Nár. Muz. (Prague)*, 154(1): 35 (1985 publ. 1986); *Trifolium raddeanum*.
resupinata (L.) J. Soják in *Čas. Nár. Muz. (Prague)*, 154(1): 35 (1985 publ. 1986); *Trifolium resupinatum*.
tomentosa (L.) J. Soják in *Čas. Nár. Muz. (Prague)*, 154(1): 35 (1985 publ. 1986); *Trifolium tomentosum*.
tumgens (Stev. ex Marshall-Bieberstein) J. Soják in *Čas. Nár. Muz. (Prague)*, 154(1): 35 (1985 publ. 1986); *Trifolium tumgens*.

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- hartwegiana* (Rydb.) J. Henrickson in *Aliso*, 11(2): 206 (1985 publ. 1986); *Spiraea hartwegiana*.

XEROTHAMNELLA (Acanthac.).

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serrata D.Y. Hong in *Acta Phytotax. Sin.*, 24(2): 141 (1986)—Xizang.

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xylocarpa (Roxb.) W. Theobald in F. Mason, *Burmah*, ed. 3, 2: 541 (1883); cf. D.J. Mabberley in *Taxon*, 34(1): 155 (1985): *Mimosa xylocarpa*.

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xylinarbariosoides (Tsiang) Trần Đình Lý in *Feddes Repert.*, 97(9-10): 679 (1986); *Chunechites xylinarbariosoides*.

XYLOBIUM (Orchidac.).
racemosum (Hook.) Sweet, *Hort. Brit.*, ed. 2: 489 (1830); cf. D.J. Mabberley in *Taxon*, 30(1): 17 (1981): Basionym not stated.

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carterae M. Thulin in *Nordic J. Bot.*, 7(3): 267 (1987), as 'carteriae'—Somali Republic.

XYLOMELUM (Proteac.).
cunninghamianum D.B. Foreman in *Muelleria*, 6(5): 299 (1987)—Australia (New South Wales, Queensland).

XYLOPHYLLA (Euphorbiac.).
epiphyllanthus (L.) Hornem., *Hort. Hafn.*: 961 (1815); cf. D.J. Mabberley in *Taxon*, 33(3): 438 (1984): *Phyllanthus epiphyllanthus*.

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iberiensis J. Gutiérrez Amaro in *Rev. Jard. Bot. Nacion. Univ. Habana*, 7(1): 15 (1986 publ. 1987), as 'iberiense'—Cuba.
japonicum
var. pubescens (Rehd. & Wils.) C.Y. Chang in *Fl. Tsinglingensis*, 1(3): 324 (1981): *X. racemosum* var. pubescens.

XYLOTHAMIA G.L. Nesom, Y. Suh, D.R. Morgan & B.B. Simpson in *Sida*, 14(1): 106 (1990). **COMPOSITAE**.
diffusa (Benth.) G.L. Nesom in *Sida*, 14(1): 109 (1990): *Ericameria diffusa*.
johnstonii G.L. Nesom in *Sida*, 14(1): 110 (1990)—Mexico.
palmeri (A. Gray) G.L. Nesom in *Sida*, 14(1): 110 (1990): *Aster palmeri*.
parrasana (S.F. Blake) G.L. Nesom in *Sida*, 14(1): 111 (1990): *Ericameria parrasana*.
pseudobaccharis (S.F. Blake) G.L. Nesom in *Sida*, 14(1): 112 (1990): *Haplopappus pseudobaccharis*.
purpusii (Brandege) G.L. Nesom in *Sida*, 14(1): 112 (1990): *Ericameria purpusii*.
riskindii (B. Turner & Langford) G.L. Nesom in *Sida*, 14(1): 113 (1990): *Ericameria riskindii*.
triantha (S.F. Blake) G.L. Nesom in *Sida*, 14(1): 113 (1990): *Aplopappus trianthus*.

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atriceps
subsp. marahuacae R. Kral & L.B. Smith in *Ann. Missouri Bot. Gard.*, 75(2): 557 (1988)—Venezuela.
bicosata
var. tillettii (L.B. Smith) R. Kral in *Ann. Missouri Bot. Gard.*, 75(2): 675 (1988): *X. tillettii*.
brachyfolia R. Kral & Wanderley in *Ann. Missouri Bot. Gard.*, 75(2): 544 (1988)—Brazil.
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chapmanii E.L. Bridges & S.L. Orzell in *Phytologia*, 68(5): 383 (1990)—U.S.A. (Texas, Alabama, Florida, Mississippi).
coutensis M. das Graças L. Wanderley & T.M. Cerati in *Brittonia*, 39(2): 300 (1987)—Brazil.

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cylindrostachya R. Kral & Wanderley in *Ann. Missouri Bot. Gard.*, 75(2): 652 (1988)—Brazil.
diaphanobracteata R. Kral & M. das Graças L. Wanderley in *Ann. Missouri Bot. Gard.*, 75(1): 352 (1988)—Brazil.
dilungensis B. Brylska in *Bull. Jard. Bot. Nation. Belg.*, 60(1-2): 139 (1990)—Zaire.
dissitifolia R. Kral & M. das Graças L. Wanderley in *Ann. Missouri Bot. Gard.*, 75(1): 353 (1988)—Brazil.
fuliginea R. Kral & L.B. Smith in *Ann. Missouri Bot. Gard.*, 75(2): 612 (1988)—Venezuela.
graniticola R. Kral in *Ann. Missouri Bot. Gard.*, 75(2): 573 (1988)—Venezuela.
huberi R. Kral & L.B. Smith in *Ann. Missouri Bot. Gard.*, 75(2): 571 (1988), nom. nov.: *X. foveolata Kral & L.B. Smith*.
itambensis R. Kral & M. das Graças L. Wanderley in *Ann. Missouri Bot. Gard.*, 75(1): 355 (1988)—Brazil.
jataiana R. Kral & M. das Graças L. Wanderley in *Ann. Missouri Bot. Gard.*, 75(1): 357 (1988)—Brazil.
jolyi M. das Graças L. Wanderley & T.M. Cerati in *Brittonia*, 39(2): 298 (1987)—Brazil.
kukenaniana R. Kral in *Ann. Missouri Bot. Gard.*, 75(2): 719 (1988)—Venezuela.
kundelungensis B. Brylska in *Bull. Jard. Bot. Nation. Belg.*, 58(3-4): 549 (1988)—Zaire.
liesneri R. Kral in *Ann. Missouri Bot. Gard.*, 76(4): 977 (1989)—Venezuela.
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melanovaginata R. Kral & L.B. Smith in *Ann. Missouri Bot. Gard.*, 75(2): 593 (1988)—Venezuela.
obcordata R. Kral & M. das Graças L. Wanderley in *Ann. Missouri Bot. Gard.*, 75(1): 361 (1988)—Brazil.
oblata R. Kral & L.B. Smith in *Ann. Missouri Bot. Gard.*, 75(2): 686 (1988)—Venezuela.
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pectinata R. Kral, L.B. Smith & M. das Graças L. Wanderley in *Ann. Missouri Bot. Gard.*, 74(4): 912 (1987 publ. 1988); et in *Ann. Missouri Bot. Gard.*, 75(2): 666 (1988)—Brazil.
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thysanolepis
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toronoana R. Kral in *Ann. Missouri Bot. Gard.*, 75(2): 643 (1988)—Venezuela.
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gomphocarpoides
var. parvilobum P. Bruyns in *S. Afr. J. Bot.*, 56(1): 127 (1990)—South Africa (Cape Province).

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australensis
var. intermedia R.D. Webster, *Australian Paniceae (Poac.)*: 266 (1987)—Australia (W. Australia, N. Terr., Queensland).
foliolosa (Hook. f.) W.D. Clayton in *Kew Bull.*, 42(2): 403 (1987): *Ichnanthus foliolosus*.

YEATESIA (Acanthac.).
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platystegia (Torrey) R.A. Hilsenbeck in *Syst. Bot.*, 14(3): 435 (1989): *Tetramerium platystegium*.

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sect. *Microcarpa* Y.H. Zhang in *Acta Phytotax. Sin.*, 25(3): 210 (1987).
acutangula (O.E. Schulz) Y.H. Zhang in *Acta Phytotax. Sin.*, 25(3): 217 (1987): *Cochlearia acutangula*.
var. albiflora (Ma & Y.Z. Zhao) Y.H. Zhang in *Acta Phytotax. Sin.*, 25(3): 217 (1987): *Y. albiflora*.
furcatopilosa (Kuan) Y.H. Zhang in *Acta Phytotax. Sin.*, 25(3): 214 (1987): *Cochlearia furcatopilosa*.
ganluoensis Y.H. Zhang in *Acta Phytotax. Sin.*, 25(3): 211 (1987)—China.
henryi (Oliv.) Y.H. Zhang in *Acta Phytotax. Sin.*, 25(3): 213 (1987): *Nasturtium henryi*.
microcarpa (Kuan) Y.H. Zhang in *Acta Phytotax. Sin.*, 25(3): 211 (1987): *Cochlearia microcarpa*.
qianningensis Y.H. Zhang in *Acta Phytotax. Sin.*, 25(3): 212 (1987)—China.
var. brachybotrys Y.H. Zhang in *Acta Phytotax. Sin.*, 25(3): 213 (1987)—China.
wenxianensis Y.H. Zhang in *Acta Phytotax. Sin.*, 25(3): 215 (1987)—China.
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austrororientalis (Metcalfe) C.L. Li in *Acta Bot. Yunnanica*, 12(1): 7 (1990): *Parthenocissus austrororientalis*.
thomsonii (Laws.) C.L. Li in *Acta Bot. Yunnanica*, 12(1): 5 (1990): *Vitis thomsonii*.
var. glaucescens (Diels & Gilg) C.L. Li in *Acta Bot. Yunnanica*, 12(1): 6 (1990): *Parthenocissus henryana* var. *glaucescens*.

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harrimaniae
var. sterilis E. Neese & S.L. Welsh in *Great Basin Nat.*, 45(4): 789 (1985)—U.S.A. (Utah).

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andropogonoides (Hand.-Mazz.) T.P. Yi in *J. Bamboo Res.*, 5(1): 66 (1986): *Indocalamus andropogonoides*.
bojieiana T.P. Yi in *J. Bamboo Res.*, 5(1): 8 (1986)—China.

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- brevipaniculata (*Hand.-Mazz.*) T.P. Yi in *J. Bamboo Res.*, 5(1): 44 (1986): Arundinaria brevipaniculata.
 brevis T.P. Yi in *J. Bamboo Res.*, 5(1): 11 (1986)—China.
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 chingii T.P. Yi in *J. Bamboo Res.*, 5(1): 45 (1986)—China.
 collina T.P. Yi in *J. Bamboo Res.*, 5(1): 13 (1986)—China.
 complanata T.P. Yi in *J. Bamboo Res.*, 5(1): 15 (1986)—China.
 crassicolis T.P. Yi in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 68 (1988)—China.
 elevata T.P. Yi in *J. Bamboo Res.*, 5(1): 17 (1986)—China.
 exilis T.P. Yi in *J. Bamboo Res.*, 5(1): 20 (1986)—China.
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 farcticalis T.P. Yi in *J. Bamboo Res.*, 5(1): 24 (1986)—China.
 flexa T.P. Yi in *Acta Phytotax. Sin.*, 25(6): 480 (1987)—China.
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 grummata T.P. Yi in *J. Bamboo Res.*, 9(3): 30 (1990)—China.
 laetevirens T.P. Yi in *J. Bamboo Res.*, 9(3): 34 (1990)—China.
 levigata T.P. Yi in *J. Bamboo Res.*, 5(1): 27 (1986)—China.
 longiuscula T.P. Yi in *J. Bamboo Res.*, 5(1): 30 (1986)—China.
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 maculata T.P. Yi in *J. Bamboo Res.*, 5(1): 33 (1986)—China.
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 menghaiensis T.P. Yi in *Acta Bot. Yunnanica*, 10(4): 441 (1988)—China.
 mitis T.P. Yi in *J. Bamboo Res.*, 9(3): 35 (1990)—China.
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 oblonga T.P. Yi in *J. Bamboo Res.*, 5(1): 52 (1986)—China.
 pachyclada T.P. Yi in *J. Bamboo Res.*, 5(1): 54 (1986)—China.
 pauciramificans T.P. Yi in *Bull. Bot. Res. North-East. Forest. Inst.*, 8(4): 71 (1988)—China.
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 punctulata T.P. Yi in *J. Bamboo Res.*, 5(1): 59 (1986)—China.
 qiaojiaensis Hsueh & T.P. Yi in *J. Bamboo Res.*, 5(1): 35 (1986)—China.
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 rugosa T.P. Yi in *J. Bamboo Res.*, 5(1): 61 (1986)—China.
 straminea T.P. Yi in *J. Bamboo Res.*, 9(3): 37 (1990)—China.
 suijiangensis T.P. Yi in *J. Bamboo Res.*, 9(3): 40 (1990)—China.
 uniramosa Hsueh & T.P. Yi in *J. Bamboo Res.*, 5(1): 64 (1986)—China.
 varians T.P. Yi in *J. Bamboo Res.*, 5(1): 38 (1986)—China.
 vigens T.P. Yi in *J. Bamboo Res.*, 5(1): 40 (1986)—China.
 violascens (*Keng*) T.P. Yi in *J. Bamboo Res.*, 5(1): 45 (1986): Arundinaria violascens.
 weixiensis T.P. Yi in *J. Bamboo Res.*, 5(1): 42 (1986)—China.
 yunnanensis (*Hsueh & Yi*) P.C. Keng & Wen in *J. Bamboo Res.*, 6(4): 16 (1987): Fargesia yunnanensis.

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 subsp. australis (*Melville*) S.W.L. Jacobs in *Telopea*, 3(2): 139 (1988): Trianthema australis.
 pentandra
 var. flava (*Blatt. & Hallb.*) M. Sharma, *Punjab Plants Check-list*: 7 (1990): Trianthema pentandra var. flava.
 redimita
 var. flava (*Blatt. & Hall.*) H.B. Naithani, *Flow. Pl. India, Nepal & Bhutan*: 183 (1990): Trianthema pentandra var. flava.

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- amblyphyllidia D.W. Stevenson in *Bull. Fairchild Trop. Gard.*, 42(3): 26 (1987)—Puerto Rico.
 cremnophila A.P. Vovides, B. Schutzman & B. Dehgan in *Bot. Gaz.*, 149(3): 351 (1988)—Mexico.
 mexicana G. Don f. in *Loud., Encycl. Pl., new ed.*: 1526 (1855); cf. D.J. Mabberley in *Taxon*, 30(1): 17 (1981)—Locality not stated.
 soconuscensis B. Schutzman, A.P. Vovides & B. Dehgan in *Bot. Gaz.*, 149(3): 347 (1988)—Mexico.
 standleyi B. Schutzman in *Syst. Bot.*, 14(2): 214 (1989)—Honduras.

ZANDERA D.L. Schulz in *Hausknechtia*, Mitt. Thüring. Bot. Ges., 4: 32 (1988). COMPOSITAE.

- andersoniae (*Turner*) D.L. Schulz in *Hausknechtia*, Mitt. Thüring. Bot. Ges., 4: 33 (1988): Sigesbeckia andersoniae.
 blakei (*McVaugh & Lask.*) D.L. Schulz in *Hausknechtia*, Mitt. Thüring. Bot. Ges., 4: 33 (1988): Trigonospermum blakei.
 hartmanii (*Turner*) D.L. Schulz in *Hausknechtia*, Mitt. Thüring. Bot. Ges., 4: 34 (1988): Sigesbeckia hartmanii.

ZANNICHELLIA (Zannichelliac.).

- obtusifolia S. Talavera, P. García Murillo & H. Smit in *Lagascalia*, 14(2): 249 (1986)—Spain, France, Sardinia, Portugal, Morocco.

ZANTEDESCHIA (Arac.).

- odorata P.L. Perry in *S. Afr. J. Bot.*, 55(4): 447 (1989)—South Africa (Cape Province).

ZANTHOXYLUM (Rutac.).

- acanthopodium
 var. oligotrichum Z.M. Tan in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 43 (1989)—China.
 armatum
 var. ferrugineum (*Rehd. & Wils.*) C.C. Huang in *Guihaia*, 7(1): 1 (1987): Z. alatum f. ferrugineum.
 arnoldii C. Beurton in *Feddes Repert.*, 98(1-2): 65 (1987)—Cuba.
 bissei C. Beurton in *Rev. Jard. Bot. Nacion. Univ. Habana*, 6(2): 3 (1985 publ. 1986)—Cuba.
 dissitum
 var. spinulosum Z.M. Tan in *Bull. Bot. Res. North-East. Forest. Inst.*, 9(2): 44 (1989)—China.
 ignoratum C. Beurton in *Feddes Repert.*, 98(1-2): 61 (1987)—Cuba.
 liboense C.C. Huang in *Guihaia*, 7(1): 6 (1987)—China.
 molokaiense B.C. Stone in *Proc. Acad. Nat. Sci. Philadelphia*, 137(2): 213 (1985)—Hawaiian Is.
 nitidum
 var. tomentosum C.C. Huang in *Guihaia*, 7(1): 5 (1987)—China.
 ovalifolium
 var. multifoliolatum (*Huang*) C.C. Huang in *Guihaia*, 7(1): 4 (1987): Z. dimorphophyllum var. multifoliolatum.

ZANTHOXYLUM :-

- var. spinifolium (*Rehd. & Wils.*) C.C. Huang in *Guihaia*, 7(1): 4 (1987): Z. dimorphophyllum var. spinifolium.
 pseudodumosum C. Beurton in *Feddes Repert.*, 98(1-2): 57 (1987)—Cuba.
 rolandii C. Beurton in *Feddes Repert.*, 97(1-2): 35 (1986)—Cuba.
 stipitatum C.C. Huang in *Guihaia*, 7(1): 2 (1987)—China.
 yakumontanum (*Sugimoto*) H. Nagamasu in *Acta Phytotax. Geobot.*, 37(4-6): 137 (1986): Fagara ailanthoides var. yakumontana.

ZAPOTECA H.M. Hernández in *Ann. Missouri Bot. Gard.*, 73(4): 757 (1986 publ. 1987). LEGUMINOSAE.

- subgen. Aculeata H.M. Hernández in *Ann. Missouri Bot. Gard.*, 76(3): 855 (1989).
 subgen. Amazonica H.M. Hernández in *Ann. Missouri Bot. Gard.*, 76(3): 856 (1989).
 subgen. Nervosa H.M. Hernández in *Ann. Missouri Bot. Gard.*, 76(3): 808 (1989).
 subgen. Ravenia H.M. Hernández in *Syst. Bot.*, 15(2): 226 (1990).
 aculeata (*Spruce ex Benth.*) H.M. Hernández in *Ann. Missouri Bot. Gard.*, 76(3): 855 (1989): Calliandra aculeata.
 alinae H.M. Hernández in *Ann. Missouri Bot. Gard.*, 76(3): 813 (1989)—Mexico.
 amazonica (*Benth.*) H.M. Hernández in *Ann. Missouri Bot. Gard.*, 76(3): 858 (1989): Calliandra amazonica.
 andina H.M. Hernández in *Ann. Missouri Bot. Gard.*, 76(3): 836 (1989)—Ecuador, Peru, Bolivia.
 caracasana (*Jacq.*) H.M. Hernández in *Ann. Missouri Bot. Gard.*, 73(4): 757 (1986 publ. 1987): Mimosa caracasana.
 subsp. weberbaueri (*Harms*) H.M. Hernández in *Ann. Missouri Bot. Gard.*, 76(3): 831 (1989): Calliandra weberbaueri.
 costaricensis (*Britton & Rose*) H.M. Hernández in *Ann. Missouri Bot. Gard.*, 76(3): 836 (1989): Anneslia costaricensis.
 filipes (*Benth.*) H.M. Hernández in *Ann. Missouri Bot. Gard.*, 76(3): 818 (1989): Calliandra filipes.
 formosa (*Kunth*) H.M. Hernández in *Ann. Missouri Bot. Gard.*, 73(4): 757 (1986 publ. 1987): Acacia formosa.
 subsp. gracilis (*Griseb.*) H.M. Hernández in *Ann. Missouri Bot. Gard.*, 76(3): 847 (1989): Calliandra gracilis.
 subsp. mollicula (*M. Martens & Galeotti*) H.M. Hernández in *Ann. Missouri Bot. Gard.*, 76(3): 851 (1989): Acacia mollicula.
 subsp. rosei (*Wiggins*) H.M. Hernández in *Ann. Missouri Bot. Gard.*, 76(3): 848 (1989): Calliandra rosei.
 subsp. salvadorensis (*Britton & Rose*) H.M. Hernández in *Ann. Missouri Bot. Gard.*, 76(3): 847 (1989): Anneslia salvadorensis.
 subsp. schottii (*Torrey ex S. Watson*) H.M. Hernández in *Ann. Missouri Bot. Gard.*, 76(3): 852 (1989): Calliandra schottii.
 subsp. socorrensis (*I.M. Johnston*) G.A. Levin, H. Hernández & R. Moran in *Levin & Moran, Vasc. Fl. Isla Socorro, Mexico (Mem. San Diego Soc. Nat. Hist. 16)*: 37 (1989): Calliandra socorrensis.
 lambertiana (*G. Don*) H.M. Hernández in *Ann. Missouri Bot. Gard.*, 73(4): 757 (1986 publ. 1987): Acacia lambertiana.
 media (*M. Martens & Galeotti*) H.M. Hernández in *Ann. Missouri Bot. Gard.*, 73(4): 757 (1986 publ. 1987): Acacia media.
 microcephala (*Britton & Killip*) H.M. Hernández in *Ann. Missouri Bot. Gard.*, 76(3): 857 (1989): Calliandra microcephala.
 mollis (*Standley*) H.M. Hernández in *Ann. Missouri Bot. Gard.*, 73(4): 757 (1986 publ. 1987): Calliandra mollis.
 nervosa (*Urban*) H.M. Hernández in *Ann. Missouri Bot. Gard.*, 76(3): 808 (1989): Pithecellobium nervosum.
 portoricensis (*Jacq.*) H.M. Hernández in *Ann. Missouri Bot. Gard.*, 73(4): 758 (1986 publ. 1987): Mimosa portoricensis.

ZAPOTECA :-

- subsp. *flavida* (Urban) H.M. Hernández in *Ann. Missouri Bot. Gard.*, 76(3): 825 (1989); *Calliandra flavida*.
 subsp. *pubicarpa* H.M. Hernández in *Ann. Missouri Bot. Gard.*, 76(3): 824 (1989)—Mexico.
ravenii H.M. Hernández in *Syst. Bot.*, 15(2): 226 (1990)—Mexico, Belize.
scutellifera (Benth.) H.M. Hernández in *Ann. Missouri Bot. Gard.*, 76(3): 852 (1989); *Calliandra scutellifera*.
tehuana H.M. Hernández in *Ann. Missouri Bot. Gard.*, 76(3): 853 (1989)—Mexico.
tetragona (Willd.) H.M. Hernández in *Ann. Missouri Bot. Gard.*, 73(4): 757 (1986 publ. 1987); *Acacia tetragona*.

ZAPPANIA G.A. Scopoli, *Delic. Fl. Fauna Insub.*, 1: 34 (1786), see also *Zapania* Lam., orth. var. **LABIATAE**.

ZEIA (Gramin.).

- mexicana
 subsp. *luxurians* (Durieu & Ascherson) I. Grebensčikov in *R. Mansfeld, Verz. Landwirtschaft. u. Gartn. Kulturpfl.*, Auf. 2, ed. J. Schultze-Motel, 3: 1594 (1986); *Euchlaena luxurians*.
 subsp. *parviglumis* (Iltis & Doebley) I. Grebensčikov in *R. Mansfeld, Verz. Landwirtschaft. u. Gartn. Kulturpfl.*, Auf. 2, ed. J. Schultze-Motel, 3: 1595 (1986); *Zea mays* subsp. *parviglumis*.
odontosperma Ten., *Cat. Ort. Bot. Nap.*: 99 (1845); cf. D.J. Mabberley in *Taxon*, 30(1): 17 (1981)—Locality not stated.
 perennis
 subsp. *diploperennis* (Iltis, Doebley & Guzman) I. Grebensčikov in *R. Mansfeld, Verz. Landwirtschaft. u. Gartn. Kulturpfl.*, Auf. 2, ed. J. Schultze-Motel, 3: 1594 (1986); *Zea diploperennis*.

ZEHNDERIA C. Cusset in *Fl. Cameroun*, 30: 56 (1987). **PODOSTEMACEAE**.
microgyna C. Cusset in *Fl. Cameroun*, 30: 56 (1987)—Cameroun.

ZEHNERIA (Cucurbitac.).

- japonica* (Thunb.) H.Y. Liu in *Bull. Nation. Mus. Nat. Sci. (Taiwan)*, 1: 40 (1989); *Bryonia japonica*.
suavis (Schrad.) Endl., *Cat. Horti Vindob.*, 2: 279 (1842); cf. D.J. Mabberley in *Taxon*, 33(3): 436 (1984); *Basionym* not stated.

ZELKOVA (Ulmac.).

- hyrcana* A. Grossheim & A. Jarmolenko in *Izv. Azerbaizhansk. Fil. Akad. Nauk SSSR*, 1940(5): 38 (1940)—U.S.S.R. (Caucasus).

ZENKERELLA (Legumin.).

- capparidacea*
 subsp. *grotei* (Harms) R.P.C. Temu in *Acta Univ. Upsal.*, 286, Paper I: 6 (1990); et in *Nordic J. Bot.*, 10(4): 429 (1990); *Cynometra grotei*.
perplexa R.P.C. Temu in *Acta Univ. Upsal.*, 286, Paper II: 1 (1990); et in *Nordic J. Bot.*, 10(4): 421 (1990)—Tanzania.

ZEPHYRA (Tecophilaeac.).

- cyanocrocus* (Leyb.) P. Ravenna in *Phytologia*, 64(4): 289 (1988); *Tecophilaea cyanocrocus*.
violiflora (Bert. ex Colla) P. Ravenna in *Phytologia*, 64(4): 289 (1988); *Tecophilaea violiflora*.

ZEPHYRANTHES (Amaryllidac.).

- × *flaggii* L.B. Spencer in *Phytologia*, 59(2): 87 (1986)—Panama. (*Z. albiella* × *rosea*).
 × *floryi* L.B. Spencer in *Phytologia*, 59(2): 88 (1986)—Cultivation. (*Z. × ajax* × *grandiflora*).
guatemalensis L.B. Spencer in *Phytologia*, 59(2): 85 (1986)—Guatemala.
katheriniae L.B. Spencer in *Phytologia*, 59(2): 86 (1986)—Mexico.
latissimifolia L.B. Spencer in *Phytologia*, 59(2): 86 (1986)—Mexico.
subflava L.B. Spencer in *Phytologia*, 59(2): 87 (1986)—Mexico.
yaviensis P. Ravenna in *Onira, Bot. Leaflet*, 1(8): 55 (1988)—Argentina.

ZERAVSCHANIA (Umbellif.).

- aucherii* (Boiss.) M.G. Pimenov in *Fl. Iran.*, 162: 459 (1987); *Peucedanum aucherii*.
ferulaefolia (Gilli) M.G. Pimenov in *Fl. Iran.*, 162: 460 (1987); *Peucedanum ferulaefolium*.
membranacea (Boiss.) M.G. Pimenov in *Fl. Iran.*, 162: 458 (1987); *Peucedanum membranaceum*.
minjanensis (Rech. f.) K.H. Rechinger in *Fl. Iran.*, 162: 461 (1987); *Eleutherospermum minjanense*.
pauciradiata (Tamamsch.) M.G. Pimenov in *Fl. Iran.*, 162: 459 (1987); *Peucedanum pauciradiatum*.

ZEUGITES (Gramin.).

- americana*
 var. *mexicana* (Kunth) R. McVaugh, *Fl. Novo-Galiciana*, 14: 413 (1983); *Despretzia mexicana*.
 var. *pringlei* (Scribn.) R. McVaugh, *Fl. Novo-Galiciana*, 14: 413 (1983); *Z. pringlei*.

ZEUXINE (Orchidac.).

- gracilis*
 var. *sakagutii* (Tuyama) T. Hashimoto in *Ann. Tsukuba Bot. Gard.*, 5: 28 (1986); *Z. sakagutii*.
 var. *tenuifolia* (Tuyama) T. Hashimoto in *Ann. Tsukuba Bot. Gard.*, 5: 28 (1986); *Z. tenuifolia*.
ovata (Gaud.) L.A. Garay & W. Kittredge in *Bot. Mus. Leaflet. Harvard Univ.*, 30(3): (59) 193 (1985 publ. 1986); *Nervilia ovata*.
polygonoides (F. Muell.) Cribb in *Austral. Orchid Res.*, 1: 147 (1989); *Goodyera polygonoides*.
seidenfadenii S. Deva & H.B. Naithani, *Orchid Fl. N.W. Himalaya*: 95 (1986)—India.
strateumatica
 f. *rupicola* (Fukuyama) T. Hashimoto in *Ann. Tsukuba Bot. Gard.*, 5: 27 (1986); *Z. rupicola*.
taiwaniana S.S. Ying in *Quart. J. Chinese Forest.*, 20(2): 57 (1987)—Taiwan.
uraiensis S.S. Ying, *Coloured Illustr. Fl. Taiwan*, 3: 620 (1988)—Taiwan.
vietnamica L.V. Aver'yanov in *Bot. Zhurn.*, 73(3): 424 (1988)—Vietnam.

ZEYHERELLA (Sapotac.).

- rwandensis* (Troupin) L. Liben in *Bull. Jard. Bot. Nation. Belg.*, 59(1-2): 258 (1989); *Chrysophyllum rwandense*.

ZIMMERMANNIOPSIS A. Radcliffe-Smith in *Kew Bull.*, 45(1): 152 (1990). **EUPHORBIACEAE**.

- uzungwaensis* A. Radcliffe-Smith in *Kew Bull.*, 45(1): 154 (1990)—Tanzania.

ZINGIBER (Zingiberac.).

- densissimum* S.Q. Tong & Y.M. Xia in *Acta Phytotax. Sin.*, 25(6): 467 (1987)—China.
echuanense Y.K. Yang in *Acta Phytotax. Sin.*, 26(2): 158 (1988)—China.
flavomaculosum S.Q. Tong in *Acta Phytotax. Sin.*, 25(2): 144 (1987), as 'flavo-maculosum'—China.
fragile S.Q. Tong in *Acta Phytotax. Sin.*, 25(6): 464 (1987)—China.
integrum S.Q. Tong in *Acta Phytotax. Sin.*, 25(6): 465 (1987)—China.
longiligulatum S.Q. Tong in *Acta Phytotax. Sin.*, 25(2): 140 (1987)—China.
martinii R.M. Smith in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 418 (1988 publ. 1989)—Borneo (Sarawak).
menghaiense S.Q. Tong in *Acta Phytotax. Sin.*, 25(2): 145 (1987)—China.
monglaense S.J. Chen & Z.Y. Chen in *Guihaia*, 8(4): 315 (1988)—China.
nigrimaculatum S.Q. Tong in *Acta Phytotax. Sin.*, 27(4): 287 (1989)—China.
orbiculatum S.Q. Tong in *Acta Phytotax. Sin.*, 25(6): 463 (1987)—China.
pseudopungens R.M. Smith in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 413 (1988 publ. 1989)—Borneo (Sabah).
puberulum
 var. *borneense* R.M. Smith in *Notes Roy. Bot. Gard. Edinburgh*, 45(3): 419 (1988 publ. 1989)—Borneo (Sarawak).
recurvatum S.Q. Tong & Y.M. Xia in *Acta Phytotax. Sin.*, 25(6): 470 (1987)—China.
stipitatum S.Q. Tong in *Acta Phytotax. Sin.*, 25(2): 146 (1987)—China.

ZINGIBER :-

- teres* S.Q. Tong & Y.M. Xia in *Acta Phytotax. Sin.*, 25(6): 468 (1987)—China.
truncatum S.Q. Tong in *Acta Phytotax. Sin.*, 25(2): 147 (1987)—China.
wandingense S.Q. Tong in *Acta Phytotax. Sin.*, 25(2): 143 (1987)—China.
xishuangbannaense S.Q. Tong in *Acta Phytotax. Sin.*, 25(6): 461 (1987)—China.
yingjiangense S.Q. Tong in *Acta Phytotax. Sin.*, 25(2): 142 (1987)—China.

ZINNIA (Compos.).

- angustifolia*
 var. *littoralis* (B.L. Robins. & Greenm.) B.L. Turner in *Phytologia*, 69(1): 17 (1990); *Z. littoralis*.
maritima
 var. *palmeri* (A. Gray) B.L. Turner in *Phytologia*, 69(1): 18 (1990); *Z. palmeri*.
sulphurea Hort. ex J.W. Loud., *Lad. Fl. Gard. Orn. Ann.*: 204 (1840); cf. D.J. Mabberley in *Taxon*, 32(1): 87 (1983)—Locality not stated.

ZINOWIEWIA (Celastrac.).

- aymardii* J.A. Steyermark in *Ann. Missouri Bot. Gard.*, 75(3): 1064 (1988)—Venezuela.
revoluta C.L. Lundell in *Phytologia*, 63(2): 73 (1987)—Costa Rica.

ZIZIPHORA (Labiata.).

- vichodceviana* V. Thatsch. ex M. Tulyaganova in *Opred. Rast. Sred. Azii*, 9: 362 (1987)—U.S.S.R. (Middle Asia).

ZOOTROPHION (Orchidac.).

- schenckii* (Cogn.) C.A. Luer, *Icon. Pleurothallid. I-Syst. Pleurothallidinae (Monogr. Syst. Bot. Missouri Bot. Gard. 15)*: 69 (1986); *Cryptophoranthus schenckii*.

ZORNIA (Legumin.).

- acauensis* M. Brandão & N.M.S. Costa in *Prog. Resum. Soc. Bot. Brasil, XXXVI Congr. Nac. Bot., Curitiba*: 368 (1985), without latin descr. or type—Brazil.
acuta S.T. Reynolds & A.E. Holland in *Austrobaileya*, 3(1): 18 (1989)—Australia (N. Terr., W. Australia).
dichotoma E. Balátová-Tuláčková & P. Herrera Oliver in *Folia Geobot. Phytotax.*, 23(4): 447 (1988)—Cuba.
diphylla
 subsp. *gibbosa* (Spanoghe) G. Panigrahi & S.K. Murti, *Fl. Bilaspur District*, 1: 223 (1989); *Z. gibbosa*.
disticha S.T. Reynolds & A.E. Holland in *Austrobaileya*, 3(1): 22 (1989)—Australia (N. Terr.), New Guinea (Papua New Guinea).
dyctiocarpa
 var. *filifolia* (Domin) S.T. Reynolds & A.E. Holland in *Austrobaileya*, 3(1): 30 (1989); *Z. filifolia*.
floribunda S.T. Reynolds & A.E. Holland in *Austrobaileya*, 3(1): 26 (1989)—Australia (Queensland, New South Wales).
linearifoliolata N.F. Mattos in *Loefgrenia*, 90: 1 (1986)—Brazil.
maritima S.T. Reynolds & A.E. Holland in *Austrobaileya*, 3(1): 23 (1989)—Australia (Queensland).
muelleriana
 subsp. *congesta* S.T. Reynolds & A.E. Holland in *Austrobaileya*, 3(1): 21 (1989)—Australia (W. Australia, N. Terr.).
muriculata
 subsp. *angustata* S.T. Reynolds & A.E. Holland in *Austrobaileya*, 3(1): 25 (1989)—Australia (N. Terr., W. Australia, Queensland, New South Wales).
oligantha S.T. Reynolds & A.E. Holland in *Austrobaileya*, 3(1): 34 (1989)—Australia (N. Terr.).
pedunculata S.T. Reynolds & A.E. Holland in *Austrobaileya*, 3(1): 28 (1989)—Australia (Queensland).
prostrata S.T. Reynolds & A.E. Holland in *Austrobaileya*, 3(1): 32 (1989)—Australia (Queensland, W. Australia, N. Terr.).

ZORNIA :-

- var. macrantha* S.T. Reynolds & A.E. Holland in *Austrobaileya*, 3(1): 33 (1989)—Australia (N. Terr.).
- ramosa* S.T. Reynolds & A.E. Holland in *Austrobaileya*, 3(1): 27 (1989)—Australia (Queensland).

ZOYSIA (Gramin.).

- matrella*
- subsp. tenuifolia* (Willdenow ex Trinius) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 534 (1987): *Z. tenuifolia*.
- sinica*
- subsp. nipponica* (Ohwi) T. Koyama, *Grasses of Japan & Neighbour. Regions*: 534 (1987): *Z. sinica* var. *nipponica*.

ZUCCAGNIA (Liliac.).

- serotina* (L.) Dennst., *Hort. Belved.*: 104 (1820); cf. D.J. Mabberley in *Taxon*, 31(1): 73 (1982): Basionym not stated.

ZUCKIA (Chenopodiace.).

- brandegei* (Gray) S.L. Welsh & Stutz in *Great Basin Nat.*, 44(2): 208 (1984): *Grayia brandegei*.
- var. arizonica* (Standl.) S.L. Welsh in *Great Basin Nat.*, 44(2): 209 (1984): *Z. arizonica*.

- ×**ZYGODISANTHUS** hort. in *Orchid Rev.*, 95(1125): centre page pull-out p. 9 (1987). ORCHIDACEAE. (*Paradisanthus* × *Zygopetalum*).

ZYGOGYNUM (Winterac.).

- amplexicaule*
- subsp. luteum* W. Vink in *Blumea*, 34(2): 517 (1990)—New Caledonia.
- comptonii*
- var. angustifolium* W. Vink in *Blumea*, 34(2): 517 (1990)—New Caledonia.
- var. taracticum* W. Vink in *Blumea*, 34(2): 517 (1990)—New Caledonia.
- oligostigma* W. Vink in *Blumea*, 34(2): 517 (1990)—New Caledonia.
- pancheri*
- subsp. arrhantum* W. Vink in *Blumea*, 34(2): 518 (1990)—New Caledonia.
- subsp. deplanchei* (v. Tieghem) W. Vink in *Blumea*, 34(2): 518 (1990): *Bubbia deplanchei*.
- subsp. elegans* W. Vink in *Blumea*, 34(2): 518 (1990)—New Caledonia.
- subsp. rivulare* (Viellard & Parmentier) W. Vink in *Blumea*, 34(2): 518 (1990): *Drimys rivularis*.
- tanyostigma* W. Vink in *Blumea*, 34(2): 518 (1990)—New Caledonia.
- tieghemii*
- subsp. thulium* W. Vink in *Blumea*, 34(2): 518 (1990)—New Caledonia.

- ×**ZYGONISIA** hort. in *Gard. Chron.*, ser. 3, 31: 443 (1902). ORCHIDACEAE. (*Aganisia* × *Zygopetalum*).†

ZYGOPHYLLUM (Zygophyllac.).

- angustifolium* H. Eichler in *Telopea*, 4(1): 13 (1990)—Australia (S. Australia, W. Australia, New South Wales, Victoria).
- confluens* H. Eichler in *Telopea*, 4(1): 14 (1990)—Australia (S. Australia, New South Wales).
- emarginatum* H. Eichler in *Telopea*, 4(1): 15 (1990)—Australia (S. Australia, N. Terr., Queensland, New South Wales).
- macrocarpon* E. Retief in *Bothalia*, 17(2): 189 (1987)—South Africa (Cape Province), Namibia.
- simile* H. Eichler in *Telopea*, 4(1): 15 (1990)—Australia (S. Australia, W. Australia, N. Terr., Queensland, New South Wales, Victoria).

- ×**ZYGOTOREA** hort. in *Orchid Rev.*, 98(1156): centre page pull-out p. 10 (1990). ORCHIDACEAE. (*Pescatorea* × *Zygopetalum*).

ZYGOTRITONIA (Iridac.).

- hysterantha* P. Goldblatt in *Bull. Mus. Nation. Hist. Nat.*, B, *Adansonia*, Ser. 4, 11(2): 208 (1989)—Central African Republic.

NEW AND OVERLOOKED GENERIC NAMES LISTED UNDER FAMILIES

A

ACANTHACEAE

APHANOSPERMA T.F. Daniel
GYPSACANTHUS E.J. Lott, V.
Jaramillo L. & J. Rzedowski
PARAGUTZLAFFIA H.P. Tsui
SALPINCTIUM T.J. Edwards

AIZOACEAE

PENTACOILANTHUS F. Rappa &
V. Camarrone
PERAPENTACOILANTHUS F.
Rappa & V. Camarrone
PERATETRAOILANTHUS F.
Rappa & V. Camarrone
PTEROPENTACOILANTHUS F.
Rappa & V. Camarrone
PTEROTETRAOILANTHUS F.
Rappa & V. Camarrone
TANQUANA H. Hartmann & S.
Liede
TETRAOILANTHUS F. Rappa
& V. Camarrone

AMARANTHACEAE

QUATERNELLA T.M. Pedersen
SIAMOSIA K. Larsen & T. Myndel
Pedersen

AMARYLLIDACEAE

ANAX P. Ravenna
× CALICCHARIS A.W. Meerow

ANNONACEAE

ANNICKIA A.K. van Setten &
P.J.M. Maas

ANTHERICACEAE

DIAMENA P. Ravenna
DIORA P. Ravenna

APOCYNACEAE

MUCOA J.L. Zarucchi
SPONGIOSPERMA J.L. Zarucchi

ARACEAE

ANAPHYLLOPSIS A. Hay
JASARUM G.S. Bunting
UROSPATHELLA G.S. Bunting

ARALIACEAE

HUNANIOPANAX C.J. Qi & T.R.
Cao

ASCLEPIADACEAE

ANGOLLUMA R. Munster
CIBIRHIZA P. Bruyns
GUNNESSIA P.I. Forster
LAVRANIA D.C.H. Plowes

ASTELIACEAE

NEOASTELIA J.B. Williams

B

BIGNONIACEAE

SPHINGIPHILA A.H. Gentry

BORAGINACEAE

AUSTROCYNOGLOSSUM M.
Popov ex R.R. Mill

BORAGINACEAE :-

BERUNIELLA K.Z. Zakirov &
M.M. Nabiev
BRANDELLA R.R. Mill
GASTROCOTYLE A. Bunge
NOGALIA B. Verdcourt

BROMELIACEAE

BREWCARIA L.B. Smith, J.
Steyermark & Robinson
CHEVALIERA Gaudichaud ex J.G.
Beer
PLATYAECHMEA (Baker) L.B.
Smith & W.J. Kress
PODAECHMEA (Mez) L.B. Smith
& W.J. Kress
STEYERBROMELIA L.B. Smith

BURSERACEAE

BEISELIA L.L. Forman

C

CACTACEAE

ACANTHANTHUS Y. Ito
× APOROHELIOCHIA P.V. Heath
× CEPHALEPIPHYLLUM R. Mottram
× CEREPHYLLUM R. Mottram
CHIMEROPHORA Y. Ito
× CLEISTOPSIS F. Strigl
× DISBEROCEREUS E. Meier
× DISOPHYLLUM C.F. Innes
× DISOSELENICEREUS E. Meier
× ECHINOBERGIA R. Mottram
× ECHINOPARODIA R. Mottram
× ESPOSTOACTUS R. Mottram
GYMNOCACTUS John & Riha
× MYRTOCEREUS R. Mottram
× NOPALXALIS F. Süpplie
× NYCTOCEPHALOCEREUS R.
Mottram
× RATHBUNILLOCACTUS R.
Mottram
× SELENIPHYLCHIA F. Süpplie
× SETIDENMOZA C. Backeberg
SICCOBACCATUS P.J. Braun &
E. Esteves Pereira

CAMPANULACEAE

ECHINOCODON A.A. Kolakovskii
HYSSARIA A.A. Kolakovskii
MZYMETELLA A.A. Kolakovskii
SACHOKIELLA A.A. Kolakovskii

CANNABACEAE

HUMULOPSIS I.A. Grudzinskaya

CAPPARACEAE

DHOFARIA A.G. Miller

CAPRIFOLIACEAE

METALONICERA M. Wang &
A.G. Gu

CARYOPHYLLACEAE

CYATHOPHYLLA Bocquet & A.
Strid
MINUOPSIS W.A. Weber

CASUARINACEAE

CASUARINA Linnaeus

CASUARINACEAE :-

CEUTHOSTOMA L.A.S. Johnson
QUADRANGULA M.G. Baumann-
Bodenheim

CELASTRACEAE

NICOBARIODENDRON M.K.
Vasudeva Rao & T. Chakrabarty

CHENOPODIACEAE

ARCHIATRIPLEX G.L. Chu
CREMNOPHYTON S. Brullo & P.
Pavone
GIRGENSOHNIA Bunge ex E.
Fenzl
HALOXYLON Bunge ex E. Fenzl
PROATRIPLEX (Weber) H.C. Stutz
& G.L. Chu

CISTACEAE

ATLANTHEMUM C. Raynaud
THEROCISTUS J. Holub

COLCHICACEAE

KUNTHERIA J.G. Conran & H.T.
Clifford

COMPOSITAE

ACILEPIDOPSIS H. Robinson
ALIELLA M. Qaiser & H.W. Lack
APOSTATES N.S. Lander
ARBELAEZASTER J. Cuatrecasas
AUSTROSYNOTIS C. Jeffrey
BISHOPANTHUS H. Robinson
BOEBEROIDES (DC.) J.L. Strother
CALOTESTA P.O. Karis
CHONDROPYXIS D.A. Cooke
× COLYCEA J. Fernández Casas &
A. Susanna de la Serna
CUATRECAANTHUS H. Robinson
CUATRECAASIELLA H. Robinson
CYRTOCYMURA H. Robinson
DAMNXANTHODIUM J.L.
Strother
DIELITZIA P.S. Short
ECHINOCORYNE H. Robinson
EIRMOCEPHALA H. Robinson
ERYMOPHYLLUM Paul G. Wilson
FELDSTONIA P.S. Short
FEMENIASIA A. Susanna de la
Serna
FITZWILLIA P.S. Short
FLOSMUTISIA J. Cuatrecasas
FOVEOLINA M. Källersjö
GARCIBARRIGOA J. Cuatrecasas
GAZANIOPSIS C. Huber
HAEGIELA P.S. Short & Paul G.
Wilson
HILLIARDIA B. Nordenstam
HULTENIELLA N.N. Tselev
HYALOCHEATE M. Ditttrich &
K.H. Reching
HYDRODYSSODIA B.L. Turner
HYDROIDEA P.O. Karis
INULANTHERA M. Källersjö
IRANECIO B. Nordenstam
JALCOPHILA M.O. Dillon & A.
Sagástegui Alva
JOSEANTHUS H. Robinson
KINGHAMIA C. Jeffrey
LACHNOPHYLLUM A. Bunge
LEMOORIA P.S. Short
MAUSOLEA Bunge ex D. Podlech
MEXERION G.L. Nesom
MYXOPAPPUS M. Källersjö
NOTOSERIS C. Shih

COMPOSITAE :-

NOVENIA S.E. Freire
OBLIVIA J.L. Strother
ONCOSIPHON M. Källersjö
PARAPRENANTHES Chang ex C.
Shih
PLANEA P.O. Karis
PSEUDOCADISCUS S. Lisowski
PSEUDOJACOBAEA (Hook. f.) R.
Mathur
PSEUDOLIGANDRA M.O. Dillon
& A. Sagástegui Alva
PTEROCYPSELA C. Shih
QUINQUEREMULUS Paul G.
Wilson
SONDOTTIA P.S. Short
STEPTORHAMPHUS A. Bunge
STRAMENTOPAPPUS H. Robinson
& V.A. Funk
TAKHTAJANIANTHUS A.B. De
TAPLINIA N.S. Lander
TIETKENIA P.S. Short
× TRIPLEUROTHEMIS C.A. Stace
TUXTLA J.L. Villaseñor & J.L.
Strother
XYLOTHAMIA G.L. Nesom, Y.
Suh, D.R. Morgan & B.B.
Simpson
ZANDERA D.L. Schulz

CONVOLVULACEAE

PARALEPISTEMON J. Lejoly & S.
Lisowski

CRASSULACEAE

× CREMNOSEDUM M. Kimmach &
G. Lyons
GOODALLIA T. Bowdich
HELLADIA M. Král

CRUCIFERAE

COCHLEARIELLA Y.H. Zhang &
R. Vogt
COCHLEARIOPSIS Y.H. Zhang
CUSICKIELLA R.C. Rollins
DACTYLOCARDAMUM I.A. Al-
Shehbaz
DOLICHORHYNCHUS I.C. Hedge
& Kít Tan
HEDINIOPSIS V.P. Bochantsev &
V.V. Petrovskii
HILLIELLA (O.E. Schulz) Y.H.
Zhang & H.W. Li
ITI P.J. Garmock-Jones & P.N.
Johnson
NEOLEPIA W.A. Weber
NEOTORULARIA Hedge & J.
Léonard

CUCURBITACEAE

ACHMANDRA G.A.W. Arnott
BRYONOPSIS G.A.W. Arnott
DIETERLEA E.J. Lott
GYMNOPTALUM G.A.W. Arnott
KARIVIA G.A.W. Arnott
MUKIA G.A.W. Arnott
SCHIZOSTIGMA G.A.W. Arnott

CYCLANTHACEAE

CHORIGYNE R. Eriksson
DIANTHOVEUS B.E. Hammel &
G.J. Wilder

CYPERACEAE

ACTINOSCIRPUS (Ohwi) R.W.
Haines & K.A. Lye

CYPERACEAE :-

- KOYAMAIA W.W. Thomas & G. Davidse
 MAXIMOVICZIA A.P. Khokhryakov
 MAXIMOWICZIELLA A.P. Khokhryakov
 OREOBOLOPSIS T. Koyama & E.R. Guaglianone
 SCHOENOIDES O. Seberg

D

DIPSACACEAE

- PTEROCEPHALIDIUM G. López González
 SCABIOSIOPSIS K.H. Rechinger

E

EPACRIDACEAE

- DAENIKERANTHUS M.G. Baumann-Bodenheim
 OREOTHAMNUS M.G. Baumann-Bodenheim

EUPHORBIACEAE

- AERISILVAEA A. Radcliffe-Smith
 LOBANILIA A. Radcliffe-Smith
 MICRANDRA R. Brown
 PSEUDOSAGOTIA R. de S. Secco
 SCAGEA G. McPherson
 SCHINZIOPHYTON Hutch. ex A. Radcliffe-Smith
 STACHYANDRA Leroy ex A. Radcliffe-Smith
 TACARCUNA M.J. Huft
 ZIMMERMANNIOPSIS A. Radcliffe-Smith

F

FAGACEAE

- COLOMBOBALANUS K.C. Nixon & W.L. Crepet
 FORMANODENDRON K.C. Nixon & W.L. Crepet

FLACOURTIACEAE

- CHIANGIODENDRON T. Wendt

G

GENTIANACEAE

- ORNICHA J. Klackenberg
 QAISERA S. Omer
 ROGERSONANTHUS B. Maguire & B.M. Boom
 SIPAPOANTHA B. Maguire & B.M. Boom
 TETRAPOLLINIA B. Maguire & B.M. Boom

GESNERIACEAE

- DEINOCHEILOS W.T. Wang
 ×JANKAEBERLEA J. Halda
 ×JANKAENDRON J. Halda
 ×JANKAESSANDRA J. Halda
 ×RAMBERLEA J. Halda

GOETZEACEAE

- BISSEA V. Fuentes

GRAMINEAE

- ALVIMIA Calderón ex T.R. Soderstrom & X. Londoño
 ARUNDOCLAYTONIA G. Davidse & R.P. Ellis
 BAPTORHACHIS W.D. Clayton & S.A. Renvoize
 ×CALAMMOPHILA A. Brand
 CRICIUMA T.R. Soderstrom & X. Londoño
 CYPEROCHLOA M. Lazarides & L. Watson
 DAVIDSEA T.R. Soderstrom & R.P. Ellis
 DIANDRANTHUS L. Liou
 EREMOCAULON T.R. Soderstrom & X. Londoño
 EUTHRYPTOCHLOA T.A. Cope
 FESTUCELLA E.B. Alekseev
 GOULDOCHLOA J. Valdés R., C.W. Morden & S.L. Hatch
 HOOKEROCHLOA E.B. Alekseev
 KENGYILIA C. Yen & J.L. Yang
 LINKAGROSTIS A.T. Romero García, G. Blanca & C. Morales Torres
 MACROBRIZA (Tzvel.) N.N. Tsvetlev
 METASASA W.T. Lin
 MONOCLADUS L.C. Chia, H.L. Fung & Y.L. Yang
 PARAFESTUCA E.B. Alekseev
 PARODIOCHLOA A.M. Molina
 PARODIOLYRA T.R. Soderstrom & F.O. Zuloaga
 PLANICHLÓA B.K. Simon
 POHLIDIUM G. Davidse, T.R. Soderstrom & R.P. Ellis
 PSAMMOPYRUM A. Löve
 ×PSEUDELYMUS M.E. Barkworth & D.R. Dewey
 PSEUDOXYTENANTHERA T.R. Soderstrom & R.P. Ellis
 RAIMUNDOCHLOA A.M. Molina
 SETIACIS S.L. Chen & Y.X. Jin
 SPHAEROBAMBOS S. Dransfield
 TRICHOPYRUM A. Löve
 ×TRITICOSECALE Wittmack ex A. Camus
 ×TRITIHAYNALDIA J. Fu & S.Y. Chen
 TZVELEVIA E.B. Alekseev
 VIETNAMOSASA Nguyen To Quyen

I

IRIDACEAE

- DEVIA P. Goldblatt & J.C. Manning
 ITYSA P. Ravenna
 LETHIA P. Ravenna

L

LABIATAE

- AETHYOPYS (Benth.) F.M. Opiz
 BANCROFTIA Porter
 HYPENIA (Mart. ex Benth.) R.M. Harley
 HYPTIDENDRON R.M. Harley
 PARAEREMOSTACHYS T.A. Adýlov, R.V. Kamelin & A.M. Makhmedov
 ZAPPANIA G.A. Scopoli

LACANDONIACEAE

- LACANDONIA E. Martínez & C.H. Ramos

LAURACEAE

- ASPIDOSTEMON J.G. Rohwer & H.G. Richter
 DAHLGRENODENDRON J.J.M. van der Merwe & A.E. van Wyk
 KUBITZKIA H. van der Werff
 POVEDADAPHNE W.C. Burger
 SINOSASSAFRAS H.W. Li
 WILLIAMODENDRON K. Kubitzki & H.G. Richter

LEGUMINOSAE

- AMHERSTIA Wall.
 AUSTROSTENISIA R. Geesink
 BRODRIGUEA R.S. Cowan
 CALLIANDROPSIS H.M. Hernández & P. Guinet
 DESMODIASTRUM (Prain) A. Pramanik & K. Thothathri
 ENDOSAMARA R. Geesink
 IMBRALYX R. Geesink
 LEMURODENDRON J.F. Villiers & P. Guinet
 OBOLINGA R.C. Barneby
 PARADERRIS (Miq.) R. Geesink
 POLHILLIA C.H. Stirton
 RACOSPERMA C. Martius
 SPONGIOCARPELLA G.P. Yakovlev & N. Ulziikhmag
 STEGANOTROPIS J.G.C. Lehmann
 XEROSPHAERA J. Soják
 ZAPOTECA H.M. Hernández

LILIACEAE

- CARDIOCRINUM (Endl.) Lindl.

LOASACEAE

- PLAKOTHIRA J. Florence

LYTHRACEAE

- KOEHNERIA S.A. Graham, H. Tobe & P. Baas
 LOURTELLA S.A. Graham, P. Baas & H. Tobe

M

MALPIGHIACEAE

- ASPIDOPTERYS Juss. ex S.L. Endlicher
 BURDACHIA Juss. ex S.L. Endlicher
 COLEOSTACHYS A.H.L. de Jussieu
 HELADENA A.H.L. de Jussieu
 JANUSIA Juss. ex S.L. Endlicher
 LOPHANTHERA A.H.L. de Jussieu
 VERRUCULARIA A.H.L. de Jussieu

MALVACEAE

- ALLOSIDASTRUM (Hochreutiner) A. Krapovickas, P.A. Fryxell & D.M. Bates
 NAYARIOPHYTON T.K. Paul

MELASTOMATACEAE

- ASCHISTANTHERA C. Hansen
 COMOLIOPSIS J.J. Wurdack
 KERRIOTHYRSUS C. Hansen
 PENTOSSAEA W.S. Judd
 POILANNAMMIA C. Hansen
 TYLANATHERA C. Hansen

MELIACEAE

- AZADIRACHTA A. Jussieu
 CABRALEA A. Jussieu
 CHUKRASIA A. Jussieu
 HARTIGHSEA A. Jussieu
 KHAYA A. Jussieu

MELIACEAE :-

- MALLEA A. Jussieu
 MOSCHOXYLUM A. Jussieu
 NEMEDRA A. Jussieu
 SOYMIDA A. Jussieu
 SPHAEROSACME Wall. ex Royle
 SYNOUM A. Jussieu

MUSACEAE

- MUSELLA (Fr.) Wu ex H.W. Li

MYRSINACEAE

- EMBLEMANTHA B.C. Stone
 PARARDISIA M.P. Nayar & G.S. Giri

MYRTACEAE

- ACCARA L.R. Landrum
 BARONGIA Peter G. Wilson & B.P.M. Hyland
 MICROSIDEROS M.G. Baumann-Bodenheim
 MITRANTIA Peter G. Wilson & B.P.M. Hyland
 OCHROSPERMA M.E. Trudgen
 SPHAERANTIA Peter G. Wilson & B.P.M. Hyland

N

NYMPHAEACEAE

- HYDROSTEMMA Wall.

O

ONAGRACEAE

- DORVALIA Hoffmanns.

OPILIACEAE

- PENTARHOPALOPILIA (Engler) P. Hiepko

ORCHIDACEAE

- ACRORCHIS R.L. Dressler
 ×ADACIDIUM hort.
 ×ALPHONSOARA hort.
 ×ANGRANTHELLEA hort.
 ×ANGREONIELLA hort.
 ANTERIORCHIS E. Klein & D. Strack
 ARACAMUNIA G. Carnevali & I. Ramirez
 ×ASPIODA hort.
 AZADEHDELIA G.J. Braem
 ×BARKONITIS hort.
 BENZINGIA C.H. Dodson
 ×BIFRENIIDIUM hort.
 ×BIFRENIELLA hort.
 BOLBIDIUM F.G. Brieger
 ×BOLLOPETALUM hort.
 ×BRASSIODA hort.
 ×BURKHARDTARA hort.
 ×CALASSODIA M.A. Clements
 ×CALOARETHUSA hort.
 ×CARPENTERARA hort.
 ×CATASANDRA hort.
 CERATOCENTRON K. Senghas
 ×CHARLIEARA hort.
 ×CISCHOSTALIX hort.
 ×CLEISOFINETIA hort.
 ×CLEISOTHERIA hort.
 ×COLASTE hort.
 CONOSTALIX (Krzl.) F.G. Brieger

ORCHIDACEAE :-

- ×COOKARA hort.
- ×CYPHIELLA hort.
- ×DEISELARA hort.
- DENDROCORYNE (Lindl.) F.G. Brieger
- ×DENDROGERIA hort.
- ×DIAPHANANGIS hort.
- DICTYOPHYLLARIA L.A. Garay
- DILOCHIOPSIS (Hook.f.) F.G. Brieger
- DYAKIA E.A. Christenson
- ×EPIGLOTTIS hort.
- ×ERYDIUM hort.
- ×EURYGRAECUM hort.
- EVRARDIANA L.V. Aver'yanov
- ×FIALAARA hort.
- FRONDARIA C.A. Luer
- GAMOPLEXIS Falconer ex Lindl.
- ×GASTISOCALPA hort.
- ×GEORGEBLACKARA hort.
- ×GOHARTIA hort.
- ×GOMETTIA hort.
- ×GOMOGLOSSUM hort.
- GONIOCHILUS M.W. Chase
- ×GRAPHIELLA hort.
- GREENWOODIA P. Burns-Balogh
- GUNNARELLA K. Senghas
- ×HELPIA hort.
- HETEROZEUXINE T. Hashimoto
- ×HUMMELARA hort.
- JEJOSEPHIA A. Nageswara Rao & K.J. Mani
- ×JOHNYEEARA hort.
- ×KLEHMARA hort.
- ×KNAPPARA hort.
- ×LAELICHILIS R.P. Saulea
- ×LEOCIDPASIA hort.
- ×LEPTODENDRUM hort.
- LESLIE G. Seidenfaden
- ×LICHTARA hort.
- ×LOCKOCHILETTIA hort.
- ×LOCKOGOCHILUS hort.
- ×LOCKOSTALIX hort.
- ×LUISTYLIS hort.
- ×MAILAMAIARA hort.
- MICROHOLMESIA P. Cribb
- ×MONNIERARA hort.
- ×NEOGLOSSUM hort.
- ×NEOGRAECUM hort.
- ×NEOTIACERAS R. Kohlmüller
- ×NORNAHAMAMOTOARA hort.
- NOTHODORITIS Z.H. Tsi
- ×NOTYLETTIA hort.
- ×NOTYLOPSIS hort.
- ×ODONTOPIA hort.
- OLIGOPHYTON H.P. Linder
- OSSICULUM P.J. Cribb & F.M. van der Laan
- PARAPTEROCERAS L.V. Aver'yanov
- ×PAULARA hort.
- ×PELASTYLIS hort.
- ×PSEUDOVANILLA L.A. Garay
- RAYCADENCO C.H. Dodson
- ×ROTORARA hort.
- ×SANJUMEARA hort.
- SCELOCHILOIDES C.H. Dodson & Chase
- ×SIDRANARA hort.
- ×SOBENNIGRAECUM hort.
- SOLENIOPSIS K. Senghas
- SOTEROSANTHUS Lehmann ex R. Jenny
- STICTOPHYLLUM C.H. Dodson & Chase
- SUAREZIA C.H. Dodson
- SVENKOELTZIA P. Burns-Balogh
- ×TETRACATLEYA hort.
- ×TETRADIACRIUM hort.
- ×TRIGOLYCA hort.
- TRUDELIA L.A. Garay
- ×TRUDELIANDA L.A. Garay
- ×VEJVARUTARA hort.
- ×YONEZAWAARA hort.
- ×ZYGODISANTHUS hort.
- ×ZYGONISIA hort.
- ×ZYGOTOREA hort.

P

- PALMAE**
- ×ATTABIGNYA M.J. Balick, A.B. Anderson & J.T. de Medeiros-Costa
- ×BUTYAGRUS P. Vorster
- VOANIOALA J. Dransfield
- PAPAVERACEAE**
- DISSOSPERMA J. Soják
- PHYTOLACCACEAE**
- NOWICKEA J. Martínez G. & J.A. McDonald
- PINACEAE**
- ×HESPEROTSUGA C.N. Page
- NOTHOTSUGA H.H. Hu ex C.N. Page
- PITTOSPORACEAE**
- BENTLEYA E.M. Bennett
- PLUMBAGINACEAE**
- FINDLAYA S. Bowdich
- PODOCARPACEAE**
- AFROCARPUS (Buchh. & E. Gray) C.N. Page
- BROWNETERA L.C. Rich. ex Tratt.
- METADACRYDIUM M.G. Baumann-Bodenheim
- RETROPHYLLUM C.N. Page
- SUNDACARPUS (Buchh. & Gray) C.N. Page
- PODOSTEMACEAE**
- DJINGA C. Cusset
- MALACCOTRISTICHA C. Cusset & G. Cusset
- TERNIOPSIS H.C. Chao
- ZEHNDERIA C. Cusset

- POLEMONIACEAE**
- ACANTHOGILIA A.G. Day & R. Moran
- LOESELIASTRUM (Brand) S. Timbrook

- POLYGONACEAE**
- ARISTOCAPSA J.L. Reveal & C.B. Hardham
- CEPHALOPHILON (Meisn.) É. Spach
- DODECAHEMA J.L. Reveal & C.B. Hardham
- KNORRINGIA (Czukav.) N.N. Tsvelev
- KNORRINGIA (Czuk.) S.P. Hong
- SYSTEMOTHECA J.L. Reveal & C.B. Hardham

- PORTULACACEAE**
- AMPHIPETALUM N.M. Bacigalupo

- PROTEACEAE**
- TURRILLIA A.C. Smith

R

- RANUNCULACEAE**
- ARSENJEVIA V.N. Starodubtsev

- RAPATEACEAE**
- MARAHUACAENA B. Maguire

- RESTIONACEAE**
- WINIFREDIA L.A.S. Johnson & B.G. Briggs

- RHAMNACEAE**
- SMYTHEA B.C. Seeman

ROSACEAE

- COWANIA D. Don ex Tillich & Taylor
- FARINOPSIS J. Chrtek & J. Soják
- ×GERAGEUM J. Soják
- OREGEUM (Ser.) E.I. Golubkova
- XEROSPIRAEA J. Henrickson

RUBIACEAE

- AIDIOPSIS D.D. Tirvengadam
- AORANTHE C. Somers
- CARTERELLA E.E. Terrell
- CHLOROCHORION C. Puff & E. Robbrecht
- CODDINGTONIA S. Bowdich
- DUVAUCHELLIA S. Bowdich
- FURCATELLA M.G. Baumann-Bodenheim
- GENTINGIA J.T. Johansson & K.M. Wong
- GLOSSOSTIPULA D.H. Lorence
- HOLSTIANTHUS J.A. Steyermark
- MOTLEYIA J.T. Johansson
- OLDENLANDIOPSIS E.E. Terrell & W.H. Lewis
- PETITIOCODON E. Robbrecht
- PHYLOHYDRAX C. Puff
- PSEUDAIDIA D.D. Tirvengadam
- TSIANGIA P.P.H. But, H.H. Hsue & P.T. Li
- VANGUERIELLA B. Verdcourt
- YUTAJEA J.A. Steyermark

RUTACEAE

- ACHUARIA R.E. Gereau

S

- SANTALACEAE**
- ELAPHANTHERA N. Hallé

- SAPINDACEAE**
- HOUSSAYANTHUS A.T. Hunziker

- SARCOLAENACEAE**
- MEDIUSELLA (Cavaco) L.J. Dorr

- SCROPHULARIACEAE**
- CREPIDORHOPALON E. Fischer
- GLEKIA O.M. Hilliard
- HEDBERGIA U. Molau
- HOLMGRENANTHE W.J. Elisens
- LEONOEHEBE M.J. Heads
- LOPHOSPERMUM D. Don ex R. Taylor
- MABRYA W.J. Elisens
- MAEVIELLA R.A. Rossow
- MELANOSPERMUM O.M. Hilliard
- NUTTALLANTHUS D.A. Sutton
- SAIROCARPUS D.A. Sutton
- SEYMERIOPSIS N.N. Tsvelev
- SINOBACOPA D.Y. Hong
- TRIEENEA O.M. Hilliard
- XIZANGIA D.Y. Hong

- SIMAROUBACEAE**
- LAUMONIERA H.P. Nootboom

- SOLANACEAE**
- HERSCHELIA T.E. Bowdich
- MANOELIA S. Bowdich
- ×NICOTUNIA L. Burbank
- PLOWMANIA A.T. Hunziker & R. Subils

- STERCULIACEAE**
- AETHIOCARPA K. Vollesen
- COURTENIA R. Brown
- FRANCISCODENDRON B.P.M. Hyland & C.G.G.J. van Steenis
- PTEROCYMBIUM R. Brown
- TETRADIA R. Brown

T

- THYMELAEACEAE**
- JEDDA J.R. Clarkson

- TRIGONIACEAE**
- TRIGONIODENDRON E.F. Guimarães & J.R. Miguel

- TROPAEOLACEAE**
- CHYMOCARPUS D. Don ex Brewster, Taylor & Philips

U

- ULMACEAE**
- SPARREA A.T. Hunziker & N. Dottori

- UMBELLIFERAE**
- ARAFOE M.G. Pimenov & T.V. Lavrova
- ARCUATOPTERUS M.I. Sheh & R.H. Shan
- AUTUMNALIA M.G. Pimenov
- AZILIA I.C. Hedge & J.M. Lamond
- DACTYLAEA Fedde ex H. Wolff
- DEMAVENDIA M.G. Pimenov
- DRACOSCIADIUM O.M. Hilliard & B.L. Burt
- GONGYLOSCIADIUM K.H. Rechinger
- HORSTRISSEA W. Greuter, P. Gerstberger & B. Egli
- HYALOLAENA A. Bunge
- JOHRENIOPSIS M.G. Pimenov
- KADENIA T.V. Lavrova & V.N. Tikhomirov
- KAFIRNIGANIA R. Kam. & G.K. Kizikava
- KARATAVIA M.G. Pimenov & T.V. Lavrova
- KARNATAKA P.K. Mukherjee & L. Constance
- KEDARNATHA P.K. Mukherjee & L. Constance
- KITAGAWIA M.G. Pimenov
- LEUTEA M.G. Pimenov
- MACROSCIADIUM V.N. Tikhomirov & T.V. Lavrova
- NEOCONOPODIUM (K.-Pol.) M.G. Pimenov & E.V. Kijuykov
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